Dryvit UK Safety Data Sheets (SDS)

These documents are now aligned with the Globally Harmonized System of Classification and Labelling Chemicals (GHS). This requires manufacturers of mixtures to change the way products are classified and labelled and demands a higher level of detail than in the past.

To comply with these regulations SDS information is more comprehensive and specific to individual grades of products. Previously one sheet covered an entire suite of products, but under the new regulations this is no longer possible.

Accordingly, a product range comprising of different particle size aggregates (e.g. Quarzputz, Sandpebble etc) and Accent, Mid and Pastel bases now have individual SDS versions appropriate to each variant.

When selecting an SDS within any product range please be sure it is the version appropriate to your needs. If a hard copy SDS is required ensure printer settings are selective of the pages required to avoid printing unnecessary copies.

Hybrid SDS sheets are arranged as follows

Issue 1: 25-03-2019

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.38BA.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandpebble Accent Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.38BM.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandpebble Mid Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.38BP.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandpebble Pastel Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.39BA.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandpebble Fine Accent Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.39BM.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandpebble Fine Mid Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.39BP.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandpebble Fine Pastel Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.37BA.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandpebble 2 Accent Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.37BM.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandpebble 2 Mid Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.37BP.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandpebble 2 Pastel Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.36BA.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandblast Accent Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.36BM.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandblast Mid Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.36BP.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Sandblast Pastel Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 4 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.35BA.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Quarzputz Fine Accent Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in

susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use

as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5

melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.35BM.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Quarzputz Fine Mid Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 1,5 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 27.02.2019

version: 1.0/EN
SDS.048.35BP.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Quarzputz Fine Pastel Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 1,5 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	27.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 25.02.2019

version: 1.0/EN
SDS.048.34BA.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Lymestone Accent Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

quartz

Range of percentages:	< 18 %
CAS number:	14808-60-7
EC number:	238-878-4
Index numer:	—
Registration number:	—
Classification:	STOT RE 1 H372

diatomaceous earth

Range of percentages:	< 2 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

The product contains quartz classified as STOT RE. 1 H372, which poses a risk after inhalation. Due to the fact that the finished product is a paste, it is not possible to expose the user to dust as a result of inhalation.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	25.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 25.02.2019

version: 1.0/EN
SDS.048.34BM.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Lymestone Mid Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

quartz

Range of percentages:	< 18 %
CAS number:	14808-60-7
EC number:	238-878-4
Index numer:	—
Registration number:	—
Classification:	STOT RE 1 H372

diatomaceous earth

Range of percentages:	< 2 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

The product contains quartz classified as STOT RE. 1 H372, which poses a risk after inhalation. Due to the fact that the finished product is a paste, it is not possible to expose the user to dust as a result of inhalation.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	25.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 25.02.2019

version: 1.0/EN
SDS.048.34BP.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Lymestone Pastel Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

quartz

Range of percentages:	< 18 %
CAS number:	14808-60-7
EC number:	238-878-4
Index numer:	—
Registration number:	—
Classification:	STOT RE 1 H372

diatomaceous earth

Range of percentages:	< 2 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

The product contains quartz classified as STOT RE. 1 H372, which poses a risk after inhalation. Due to the fact that the finished product is a paste, it is not possible to expose the user to dust as a result of inhalation.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).
Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	25.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 25.02.2019

version: 1.0/EN
SDS.048.33BA.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Freestyle Accent Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 1,5 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	25.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 25.02.2019

version: 1.0/EN
SDS.048.33BM.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Freestyle Mid Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with

Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 1,5 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes

with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: possible redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Text with EEA relevance).
Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Text with EEA relevance).

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives as amended.
European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste as amended.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Commission Directive 2006/15/EC of 7 February 2006 establishing a second list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Directives 91/322/EEC and 2000/39/EC.
Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	25.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.

SAFETY DATA SHEET

[In accordance with the criteria of Regulation No 1907/2006 (REACH) as amended]

Date of issue: 25.02.2019

version: 1.0/EN
SDS.048.33BP.0EN.1902

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Hybrid Freestyle Pastel Base

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: hybrid plastering mortar.
Uses advised against: not determined.

1.3 Details of the supplier of the safety data sheet

Manufacturer: **DRYVIT SYSTEMS USA (EUROPE) Sp. z o.o.**
Zakład Produkcyjny Radziejowice

Address: Krze Duże, 96-325 Radziejowice, Poland

Telephone/Fax number: +48 (46) 857 72 51 – 54

E-mail address for a competent person responsible for SDS: aleksandra.matyjek@dryvit.pl

Distributor: **Dryvit UK Ltd**

Address: Unit 4 Wren Park, Shefford, Bedfordshire SG17 5JD, United Kingdom

Telephone/Fax number: Tel: 01462 819555 Fax: 01462 819556

E-mail: ukenquiries@dryvit.com

1.4 Emergency telephone number

112

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Aquatic Chronic 3 H412

Harmful to aquatic life with long lasting effects.

2.2 Label elements

Hazard pictograms and signal words

None.

Hazardous components placed on the label

None.

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P501 Dispose of contents/container to properly labeled waste containers in accordance with national legislation.

Additional information

EUH208 Contains 1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione. May produce an allergic reaction.

2.3 Other hazards

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

Section 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

diatomaceous earth

Range of percentages:	< 1,5 %
CAS number:	68855-54-9
EC number:	272-489-0
Index numer:	—
Registration number:	01-2119488518-22-XXXX
Classification:	STOT RE 2 H373

1,3,4,6-tetrakis(hydroxymethyl)-octahydro-[1,3]diazolo[4,5-d]imidazole-2,5-dione

Range of percentages:	< 0,2 %
CAS number:	5395-50-6
EC number:	226-408-0
Index numer:	—
Registration number:	—
Classification:	Skin Sens. 1B H317

terbutryn

Range of percentages:	< 0,005 %
CAS number:	886-50-0
EC number:	212-950-5
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 4 H302, Skin Sens. 1B H317, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=100)

pyrithione zinc

Range of percentages:	< 0,005 %
CAS number:	13463-41-7
EC number:	236-671-3
Index numer:	—
Registration number:	—
Classification:	Acute Tox. 3 H301, Eye Dam. 1 H318, Acute Tox. 2 H330, Aquatic Acute 1 H400 (M=100), Aquatic Chronic 1 H410 (M=10)

Full text of each relevant H phrases is given in section 16 of SDS.

Section 4: First aid measures

4.1 Description of first aid measures

Skin contact: take off contaminated clothes. Wash out the contaminated skin with plenty of water and soap. Consult a doctor if disturbing symptoms occur.

Eye contact: remove contact lenses. Rinse contaminated eyes with running water for 15 minutes with eyelids wide open. Avoid strong stream of water – risk of damage of the cornea. Consult an ophthalmologist if disturbing symptoms occur.

Ingestion: do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. Consult a doctor if disturbing symptoms occur, show the container or label.

Inhalation: remove the victim to fresh air, keep warm and calm. Consult a doctor if disturbing symptoms appear.

4.2 Most import ant symptoms and effects, both acute and delayed

Skin contact: redness, dryness, degreasing, itching, can induce an allergic skin reaction in susceptible individuals.

Eye contact: redness, tearing, burning sensation.

Ingestion: possible stomachache, nausea, vomiting.

Inhalation: possible respiratory irritation, coughing.

4.3 Indication of any immediate medical attention and special treatment needed

Physician makes a decision regarding further medical treatment after thoroughly examination of the injured. Symptomatic treatment.

Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: product is not flammable. Adapt the extinguishing media to surroundings materials.

Unsuitable extinguishing media: water jet – risk of the propagation of the flame.

5.2 Special hazards arising from the substance or mixture

During the fire, the product may produce harmful gases containing e.g. carbon oxides and other dangerous products of thermal decomposition. Do not inhale combustion products, they can be dangerous for human health.

5.3 Advice for firefighters

Personal protection typical in case of fire. Do not stay in the fire zone without self-contained breathing apparatus and protective clothing resistant to chemicals. In case of fire cool endangered containers with water spray from safe distance. Collect used extinguishing agents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Limit the access for the outsiders into the breakdown area. Ensure that effects of the breakdown are removed by a trained personnel only. In case of large releases, isolate the exposed area. Use personal protective equipment. Avoid eyes and skin contamination. Ensure adequate ventilation.

6.2 Environmental precautions

In case of release of large amounts of the product, it is necessary to take appropriate steps to prevent it from spreading into the environment. Notify relevant emergency services.

6.3 Methods and material for containment and cleaning up

Absorb the leakage with incombustible liquid-binding material (e.g. sand, earth, vermiculite) and transfer to properly labeled waste containers. Treat collected material as a waste. Clean and ventilate the contaminated place.

6.4 Reference to other sections

Appropriate conduct with waste product – section 13. Personal protection equipment – section 8.

Section 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Before break and after work wash hands carefully. Work only in well-ventilated place. Avoid eyes and skin contamination. Wear personal protective equipment. Use as intended.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original, tightly closed containers in a dry and well-ventilated area. Do not store with food or feed for animals. Protect the product against direct influence of weather conditions and moisture. Keep unused containers tightly closed. Opened containers should be resealed. Recommended storage temperature: 4-38 ˚C. The maximum shelf life: 12 months from the date of production stated on the packaging.

7.3 Specific end use(s)

No information about other uses than those mentioned in subsection 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Product does not contain any components with occupational exposure limit values at working place. Please check any national occupational exposure limit values in your country.

Legal Basis: Commission Directive 2000/39/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU.

8.2 Exposure controls

Use the product in accordance with good occupational hygiene and safety practices. Do not eat, drink or smoke when handling the product. Avoid eyes and skin contamination. Wear personal protective equipment. Provide general and / or local ventilation in the workplace.

Hand and body protection

Use protective gloves adeaquate to the performed task. Choose the material for gloves individually at the workplace. Wear protective clothes.

The material that the gloves are made of must be impenetrable and resistant to the product's effects. The selection of material must be performed with consideration of breakthrough time, penetration speed and degradation. Moreover, the selection of proper gloves depends not only on the material, but also on other quality features and changes depending on the manufacturer. The producer should provide detailed informat ion regarding the exact breakthrough time. This information should be followed.

Eye protection

Use safety goggles if there is a risk of contamination.

Respiratory protection

In case of sufficient ventilation is not required

Applied personal protective equipment must comply with the requirements of the Regulation 2016/425/EU. The employer is obliged to provide protective equipment relevant to performed activities and in accordance with all quality requirements, including its maintenance and cleaning.

Environmental exposure controls

Do not allow to enter large amounts of product to reach ground water, sewage, waste water or soil. Possible emissions form the ventilation systems and processing equipment should be controlled in order to determinate their compatibility with environmental protection regulations.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

physical state:	liquid/ paste
colour:	acc. to the range
odour:	characteristic
odour threshold	not determined
pH:	8,5-9,5
melting point/freezing point:	not determined
initial boiling point and boiling range:	not determined
flash point:	not determined
evaporation rate:	not determined
flammability (solid, gas):	not applicable
upper/lower flammability or explosive limits:	not determined
vapour pressure:	not determined
vapour density:	not determined
density:	1,62-1,98 g/cm^3
solubility(ies):	not determined
partition coefficient: n-octanol/water:	not determined
auto-ignition temperature:	not applicable, product is not subject to auto-ignition
decomposition temperature:	not determined
explosive properties:	not display
oxidising properties:	not display
viscosity:	not determined

9.2 Other information

No additional data.

Section 10: Stability and reactivity

10.1 Reactivity

Product is feebly reactive. Product does not undergo a dangerous polymerization. See also subsections 10.4 -10.5.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

Hazardous reactions are not known.

10.4 Conditions to avoid

Avoid warm and direct sunlight.

10.5 Incompatible materials

Strong oxidants.

10.6 Hazardous decomposition products

Not known.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

The acute toxicity estimate (ATE_{mix}) was determined using the appropriate conversion value from Table 3.1.2 in Annex I to CLP as amended.

ATE_{mix} (dermal)	> 2000 mg/kg
ATE_{mix} (oral)	> 2000 mg/kg
ATE_{mix} (inhalation)	> 20 mg/l

Based on available data, the classification criteria are not met.

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. However product contains component that can induce an allergic skin reaction in susceptible individuals.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Section 12: Ecological information

12.1 Toxicity

Product is harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

The product based on mineral compounds, it is not biodegradable.

12.3 Bioaccumulative potential

The product does not contain components that can bioaccumulate.

12.4 Mobility in soil

Mobility of components of the mixture in soil depends on the hydrophilic and hydrophobic properties and biotic and abiotic conditions of soil, including its structure, climatic conditions, seasons and soil organisms.

12.5 Results of PBT and vPvB assessment

Product does not contain ingredients, which meet criteria for PBT or vPvB in accordance with Annex XIII of REACH Regulation.

12.6 Other adverse effects

The mixture is not classified as hazardous to the ozone layer. Consider other harmful effects of individual components of the mixture on the environment (eg, endocrine disrupting potential, global warming potential).

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods for the product: disposal in accordance with the local legislation. Store residues in original containers. Waste code should be given in the place of its formation.

Disposal methods for used packing: empty containers should be reused/recycled/eliminated in accordance with the local legislation. Only completely empty containers can be reused.

Legal basis: Directive 2008/98/EC as amended, 94/62/EC as amended.

Section 14: Transport information

14.1 UN number

Not applicable. Product is not classified as hazardous during transport.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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Commission Directive 2009/161/EU of 17 December 2009 establishing a third list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC and amending Commission Directive 2000/39/EC.
Commission Directive 2017/164/EU of 31 January 2017 establishing a fourth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC, and amending Commission Directives 91/322/EEC, 2000/39/EC and 2009/161/EU.

15.2 Chemical safety assessment

It is not necessary to carry out a chemical safety assessment for the mixture.

Section 16: Other information

Full text of indicated H phrases mentioned in section 3

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Clarification of aberrations and acronyms

Skin Sens. 1B	Skin sensitization category 1B
Acute Tox. 2, 3, 4	Acute toxicity category 2, 3, 4
Aquatic Acute 1	Toxicity for aquatic organisms – acute toxicity category 1
Aquatic Chronic 1	Toxicity for aquatic organisms – chronic toxicity category 1
Eye Dam. 1	Serious eye damage category 1
STOT RE 2	Specific target organ toxicity — repeated exposure category 2
PBT	Persistent, Bioaccumulative and Toxic substance
vPvB	very Persistent, very Bioaccumulative substance

Trainings

Before commencing working with the product, the user should learn the Health & Safety regulations, regarding handling chemicals, and in particular, undergo a proper workplace training.

Key literature references and sources of data

This SDS was prepared on the basis of manufacturer's SDS, literature data, online databases (eg. ECHA, TOXNET, COSING) as well as our knowledge and experience, taking into account current legislation.

Methods of evaluating information which was used for the purpose of classification

Classification was based on physico-chemical data and data on hazardous substances calculation method under the guidance of Regulation 1272/2008/EC (CLP) as amended.

Other data

Date of issue:	25.02.2019
Version:	1.0/EN

The information above is based on a current available data concerning the product, but also on the experience and knowledge in this field of the producer. They are neither a quality description of the product nor a guarantee of particular features. They are to be treated as aid to safety in transport, storage and usage of the product. That does not free the user from the responsibility of improper usage of the information above and also of improper compliance with the law norms in the field.