

Safety data sheet
acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 21.12.2022

Version number 8 (replaces version 7)

Revision: 21.12.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking**· 1.1 Product identifier****· Trade name:** illbruck OS120**· MSDS code:** A-I-OS120**· 1.2 Relevant identified uses of the substance or mixture and uses advised against**

Restricted to professional users.

Do not use with flexible PVC due to the risk of plasticiser migration.

· Application of the substance / the mixture Sealant**· 1.3 Details of the supplier of the safety data sheet****· Manufacturer/Supplier:**

Tremco CPG Netherlands B.V.

Vlietskade 1032, 4241 WC Arkel

T: +31 (0) 183568000, F: +31 (0) 183568100

msds@cpg-europe.com

· Further information obtainable from:

Tremco CPG UK Ltd

Coupland Road, Hindley Green, Wigan, WN2 4HT

T: +44 (0) 1942251400, F: +44 (0) 1942251410

www.cpg-europe.com, info.uk@cpg-europe.com

· 1.4 Emergency telephone number:

During office hours tel.: +44 (0) 1942251400. At all other times it is recommended to call NHS 111 (England/Wales/Scotland), your local GP/pharmacist (NI), 01 809 2166 (ROI), or otherwise to contact a doctor.

SECTION 2: Hazards identification**· 2.1 Classification of the substance or mixture****· Classification according to Regulation (EC) No 1272/2008**

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Repr. 2 H361d Suspected of damaging the unborn child.

STOT SE 3 H336 May cause drowsiness or dizziness.

STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

· 2.2 Label elements**· Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

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Hazard pictograms

GHS02 GHS07 GHS08 GHS09

Signal word Danger**Contains:**

toluene

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
acetone**Hazard statements**

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H361d Suspected of damaging the unborn child.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P243 Take action to prevent static discharges.

P261 Avoid breathing vapours.

P263 Avoid contact during pregnancy and while nursing.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P314 Get medical advice/attention if you feel unwell.

P403+P235 Store in a well-ventilated place. Keep cool.

Supplemental information:

EUH208 Contains bis[4-(2,3-epoxypropoxy)phenyl]propane, Bisphenol F epoxy resin. May produce an allergic reaction.

Restricted to professional users.

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture of substances listed below with non-hazardous additions.**Dangerous components:**

CAS: 108-88-3	toluene	10-<20%
EINECS: 203-625-9	Flam. Liq. 2, H225; Repr. 2, H361d; STOT RE 2, H373;	
Reg.nr.: 01-2119471310-51-xxxx	Asp. Tox. 1, H304; Skin Irrit. 2, H315; STOT SE 3, H336	

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EC number: 921-024-6 Reg.nr.: 01-2119475514-35-xxxx	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	5-<10%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2219471330-49-xxxx	acetone Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	1-<5%
CAS: 1314-13-2 EINECS: 215-222-5	zinc oxide Aquatic Acute 1, H400; Aquatic Chronic 1, H410	1-<5%
CAS: 110-54-3 EINECS: 203-777-6 Reg.nr.: 01-2119480412-44-xxxx	n-hexane Flam. Liq. 2, H225; Repr. 2, H361f; STOT RE 2, H373; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H336 Specific concentration limit: STOT RE 2; H373: C ≥ 5 %	0.1-<1%
CAS: 1675-54-3 EINECS: 216-823-5 Reg.nr.: 01-2119456619-26-xxxx	bis[4-(2,3-epoxypropoxy)phenyl]propane Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317 Specific concentration limits: Eye Irrit. 2; H319: C ≥ 5 % Skin Irrit. 2; H315: C ≥ 5 %	0.1-<1%
CAS: 9003-36-5 NLP: 500-006-8 Reg.nr.: 01-2119454392-40-xxxx	Bisphenol F epoxy resin Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317, EUH205	0.1-<1%
CAS: 119-47-1 EINECS: 204-327-1	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Repr. 1B, H360F	0.1-<1%

- **EU SVHC** see Section 15
- **GB SVHC** see Section 15
- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **General information:**

In case of accident or if you feel unwell, seek medical advice (show this safety data sheet if possible). Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

Take affected persons out of danger area and lay down.

Immediately remove any clothing soiled by the product.

· **After inhalation:**

Supply fresh air.

Seek immediate medical advice.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

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- Immediately remove all soiled and contaminated clothing
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:**
 - Rinse out mouth and then drink plenty of water.
 - Do not induce vomiting; call for medical help immediately.
- **Information for doctor:** No further relevant information available.
- **4.2 Most important symptoms and effects, both acute and delayed**
 - Headache
 - Vapours may cause drowsiness and dizziness.
 - Breathing difficulty
 - Nausea
 - May cause an allergic skin reaction.
 - May cause damage to organs through prolonged or repeated exposure.
 - Irritating to eyes and skin.
 - May be fatal if swallowed and enters airways.
- **Hazards** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
 - No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
 - CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
 - Can form explosive gas-air mixtures.
 - Formation of toxic gases is possible during heating or in case of fire.
 - Carbon monoxide (CO)
 - Carbon dioxide (CO₂)
 - Hydrogen chloride (HCl)
- **5.3 Advice for firefighters**
- **Protective equipment:**
 - Wear self-contained respiratory protective device.
 - Wear fully protective suit.
- **Additional information**
 - Collect contaminated fire fighting water separately. It must not enter the sewage system.
 - Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
 - Wear protective clothing.
 - Keep people at a distance and stay on the windward side.
 - Ensure adequate ventilation.
 - Keep away from ignition sources.

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- Avoid contact with the eyes and skin.
- **6.2 Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
 - **6.3 Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to Section 13.
 - **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
Do not breathe vapour.
Avoid contact with the eyes and skin.
Pregnant women should strictly avoid inhalation or skin contact.
Ensure that washing facilities are available at the work place.
Do not eat, drink, smoke or sniff while working.
- **Information about fire - and explosion protection:**
Highly flammable liquid and vapour.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Protect against electrostatic charges.
Fumes can combine with air to form an explosive mixture.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool location.
Store only in the original receptacle.
- **Information about storage in one common storage facility:**
Protect from heat and direct sunlight.
Store away from oxidising agents.
- **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
Storage temperature: +5°C to +25°C
- **7.3 Specific end use(s)** No further relevant information available.

— GB —

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SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limit values that require monitoring at the workplace:

CAS: 67-64-1 acetone

WEL	Short-term value: 3620 mg/m ³ , 1500 ppm
	Long-term value: 1210 mg/m ³ , 500 ppm

CAS: 110-54-3 n-hexane

WEL	Long-term value: 72 mg/m ³ , 20 ppm
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· DNELs

CAS: 1314-13-2 zinc oxide

Dermal	consumer	83 mg/kg/24h (general public)
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· PNECs

CAS: 67-64-1 acetone

PNEC	100 mg/L (sewage treatment plant)
	10.6 mg/L (sediment (fresh water))
	1.06 mg/L (salt water)
PNEC	29.5 mg/kg (soil)
	3.04 mg/kg (sediment (salt water))
	30.4 mg/kg (sediment (fresh water))

CAS: 1314-13-2 zinc oxide

PNEC	0.0206 mg/L (fresh water)
	0.1 mg/L (sewage treatment plant)
	0.0061 mg/L (marine)
PNEC	35.6 mg/kg dwt (soil)
	56.5 mg/kg dwt (sediment (salt water))
	117.8 mg/kg dwt (sediment (fresh water))

· Additional information:

The lists valid during the making were used as basis.
HSE EH40/2005 Workplace Exposure Limits (as amended)

· 8.2 Exposure controls

· Individual protection measures, such as personal protective equipment

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
Do not eat, drink, smoke or sniff while working.
Use skin protection cream for skin protection.

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- **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

Filter A2/P3

Use only in well-ventilated areas.

Take note of emission threshold.

EN 140

For further guidance,

please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide".

- **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

Recommendation:

≥ 6 hours

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection**



Tightly sealed goggles

- **Body protection:**



Protective work clothing

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Colour:**

Grey

- **Odour:**

Like aromatic solvents

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· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	36 °C (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane)
· Lower and upper explosion limit	
· Lower:	1.1 Vol %
· Upper:	6.7 Vol %
· Flash point:	-1 °C (Closed Cup)
· Viscosity:	
· Dynamic at 20 °C:	300,000 - 400,000 cP
· Solubility	
· water:	Insoluble.
· Vapour pressure at 20 °C:	29 hPa (CAS: 108-88-3 toluene)
· Density and/or relative density	
· Density at 20 °C:	1.28 g/cm ³

· 9.2 Other information	
· Appearance:	
· Form:	Pasty
· Important information on protection of health and environment, and on safety.	
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Solvent content:	
· VOC (EU)	≤380 g/l

· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	
Highly flammable liquid and vapour.	
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void

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- | | |
|--|-------------------------|
| <ul style="list-style-type: none"> · Corrosive to metals · Desensitised explosives | <p>Void</p> <p>Void</p> |
|--|-------------------------|

SECTION 10: Stability and reactivity

- **10.1 Reactivity** Stable
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions**
Reacts with strong acids and alkali.
Reacts with peroxides.
Reacts with oxidising agents.
- **10.4 Conditions to avoid**
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
In case of fire, the following can be released:
Carbon monoxide and carbon dioxide
Hydrogen chloride (HCl)

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

CAS: 108-88-3 toluene

Oral	LD50	4,328 mg/kg (rat)
Dermal	LD50	6,000 mg/kg (rabbit)
Inhalative	LC50/4 h	21 mg/L (rat)

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Oral	LD50	5,000 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)

CAS: 67-64-1 acetone

Oral	LD50	5,800 mg/kg (rat) (OECD 401)
Dermal	LD50	20,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC0/4 h	16,000 ppm (rat)
	LC50/4 h	76 mg/L (rat)

CAS: 1314-13-2 zinc oxide

Oral	LD50	>5,000 mg/kg (rat)
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CAS: 110-54-3 n-hexane

Oral	LD50	5,000 mg/kg (mouse)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50/4 h	172 mg/L (rat)

- **Skin corrosion/irritation** Strong degreasing effect.
- **Serious eye damage/irritation** Slight irritation possible.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **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**
Suspected of damaging the unborn child.
- **STOT-single exposure**
May cause drowsiness or dizziness.
- **STOT-repeated exposure**
May cause damage to organs through prolonged or repeated exposure.
- **Aspiration hazard**
May be fatal if swallowed and enters airways.
- **Additional toxicological information:**
Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Chemical pneumonia.
Repeated exposure may cause skin dryness or cracking.
Causes burns.
- **11.2 Information on other hazards**

· Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
Toxic to aquatic life with long lasting effects.

CAS: 108-88-3 toluene

LC50/96 h	24 mg/L (rainbow trout)
	13 mg/L (carassius auratus)
EC50/48 h	11.5 mg/L (daphnia magna)

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

LC50/96 h	1-10 mg/L (fish)
EC50	1-10 mg/L (bacterium)

CAS: 67-64-1 acetone

LC50/96 h	5,540 mg/L (oncorhynchus mykiss)
	7,500 mg/L (leuciscus idus)

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EC50/48 h	6,100 mg/L (daphnia magna)
IC50/8 d	7,500 mg/L (scenedesmus quadricauda)

CAS: 1314-13-2 zinc oxide

LC50/96 h	1.1 mg/L (fish)
EC50/48 h	>1,000 mg/L (daphnia magna)

CAS: 110-54-3 n-hexane

LC50/24 h	4 mg/L (carassius auratus)
EC50/48 h	2.1 mg/L (daphnia magna)

- **12.2 Persistence and degradability** Not easily biodegradable
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**

· **Ecotoxicological effects:****CAS: 108-88-3 toluene**

IC50/72 h	12 mg/L (selenstrum capricornutum)
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Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

IC50/72 h	10-100 mg/L (algae)
NOEC/21 d	1-10 mg/L (fish)

CAS: 1314-13-2 zinc oxide

IC50/72 h	0.1-1 mg/L (algae)
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- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Toxic for aquatic organisms
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Also poisonous for fish and plankton in water bodies.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Disposal must be made according to official regulations.

· **European waste catalogue**

08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
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HP3	Flammable
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity
HP10	Toxic for reproduction
HP14	Ecotoxic

- **Uncleaned packaging:**

- **Recommendation:**

Dispose of packaging according to regulations on the disposal of packagings.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Non contaminated packagings may be recycled.

SECTION 14: Transport information

- **14.1 UN number or ID number**

- **ADR, IMDG, IATA**

UN1133

- **14.2 UN proper shipping name**

- **ADR**

1133 ADHESIVES, ENVIRONMENTALLY
HAZARDOUS
1133 ADHESIVES, ENVIRONMENTALLY
HAZARDOUS
ADHESIVES, MARINE POLLUTANT
ADHESIVES

- **IMDG**

- **IATA**

- **14.3 Transport hazard class(es)**

- **ADR**



- **Class**

3 (F1) Flammable liquids.

- **Label**

3

- **IMDG**



- **Class**

3 Flammable liquids.

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· Label	3
· IATA	
	
· Class	3 Flammable liquids.
· Label	3
· 14.4 Packing group	
· ADR, IMDG, IATA	III
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances: heptane
· Marine pollutant:	Yes
· Special marking (ADR):	Symbol (fish and tree)
· 14.6 Special precautions for user	Warning: Flammable liquids.
· Hazard identification number (Kemler code):	33
· EMS Number:	F-E, S-D
· Stowage Category	B
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 1000 ml
· Transport category	3
· Tunnel restriction code	D/E
· Remarks:	14.4 : PG III; ADR 2.2.3.1.4
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· Remarks:	14.4 : PG III; IMDG 2.3.2.2 - 2.3.2.3
· IATA	
· Remarks:	14.4 : PG III; IATA 3.3.3

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· UN "Model Regulation":	UN 1133 ADHESIVES, 3, III, ENVIRONMENTALLY HAZARDOUS
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SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
 HSE EH40/2005 Workplace Exposure Limits (as amended)
 Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015)
 "GB- CLP" UK SI 2019 No. 720 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019
 "UK- REACH" UK SI 2019 No. 758 The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

- **Directive 2012/18/EU**
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3, 48

· DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

- **REGULATION (EU) 2019/1148**

· Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

- **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

CAS: 67-64-1	acetone
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- **Regulation (EC) No 273/2004 on drug precursors**

CAS: 108-88-3	toluene	3
CAS: 67-64-1	acetone	3

- **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

CAS: 108-88-3	toluene	3
CAS: 67-64-1	acetone	3

- **National regulations:**

- **Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

- **Other regulations, limitations and prohibitive regulations**

Product contains: Reportable explosives precursors. Making available, introduction, possession and use according to Regulation (EU) 2019/1148, Article 9.

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Safety data sheet

acc. (EC) 1907/2006, as amended by UK SI 2019/758

Printing date 21.12.2022

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Substances of very high concern (SVHC) according to EU REACH, Article 57

CAS: 119-47-1	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol
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Substances of very high concern (SVHC) according to UK REACH Not applicable.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H225 Highly flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H360F May damage fertility.
- H361d Suspected of damaging the unborn child.
- H361f Suspected of damaging fertility.
- 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.
- H411 Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.
- EUH205 Contains epoxy constituents. May produce an allergic reaction.

Department issuing SDS:

Prepared and verified in accordance with Annex II, Part A, 0.2.3. of "UK- REACH" UK SI 2019 No. 758
The UK REACH etc. (Amendment etc.) (EU Exit) Regulations 2019

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 VOC: Volatile Organic Compounds (USA, EU)
 DNEL: Derived No-Effect Level (UK REACH)
 PNEC: Predicted No-Effect Concentration (UK REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 SVHC: Substances of Very High Concern
 vPvB: very Persistent and very Bioaccumulative
 Flam. Liq. 2: Flammable liquids – Category 2
 Acute Tox. 4: Acute toxicity – Category 4
 Skin Irrit. 2: Skin corrosion/irritation – Category 2

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Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Repr. 1B: Reproductive toxicity – Category 1B

Repr. 2: Reproductive toxicity – Category 2

Repr. 2: Reproductive toxicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· *** Data compared to the previous version altered.**

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