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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

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

· **1.1 Product identifier**

· **Trade name: illbruck MT400**

· **MSDS code:** A-I-MT400
· **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
· **Application of the substance / the mixture** Adhesives

· **1.3 Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Tremco CPG UK Ltd
Coupland Road, Hindley Green, WIGAN, WN2 4HT
T: +44 (0) 1942251400, F: +44 (0) 1942251410
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.
STOT SE 3	H336 May cause drowsiness or dizziness.
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.
· **Hazard pictograms**

GHS02 GHS07 GHS09

· **Signal word** Danger

(Contd. on page 2)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 1)

· **Contains:**
heptane
ethyl acetate
· **Hazard statements**
H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
· **Precautionary statements**
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
· **Supplemental information:**
EUH208 Contains hydroabietyl alcohol, N-(3-(trimethoxysilyl)propyl)ethylenediamine, zinc bis(dibutyldithiocarbamate). May produce an allergic reaction.
· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**
· **Description:** Mixture of substances listed below with non-hazardous additions.

· **Dangerous components:**		
CAS: 142-82-5 EINECS: 205-563-8 Reg.nr.: 01-2119475515-33-xxxx	heptane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315	10-<20%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-xxxx	ethyl acetate Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	1-<5%
CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-xxxx	xylene (mix) Flam. Liq. 3, H226; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335; Aquatic Chronic 3, H412	1-<5%
CAS: 2156595-41-2 EC number: 701-057-0 Reg.nr.: 01-2119980712-33-xxxx	hydroabietyl alcohol Skin Sens. 1, H317; Aquatic Chronic 4, H413	0.1-<1%

(Contd. on page 3)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 2)

CAS: 1760-24-3 EINECS: 217-164-6 Reg.nr.: 01-2119970215-39-xxxx	N-(3-(trimethoxysilyl)propyl)ethylenediamine Eye Dam. 1, H318; Acute Tox. 4, H332; Skin Sens. 1, H317	0.1-<1%
CAS: 136-23-2 EINECS: 205-232-8 Reg.nr.: 01-2119535161-51-xxxx	zinc bis(dibutyldithiocarbamate) Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	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:** Take affected persons out of danger area and lay down.
· **After inhalation:**
Supply fresh air.
In case of unconsciousness place patient stably in side position for transportation.
Seek immediate medical advice.
· **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
· **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:** 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
Dizziness
Allergic reactions
· **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.
Use fire extinguishing methods suitable to surrounding conditions.
· **For safety reasons unsuitable extinguishing agents:** Water with full jet
· **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
· **5.3 Advice for firefighters**
· **Protective equipment:** Wear self-contained respiratory protective device.

(Contd. on page 4)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 3)

· **Additional information** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation.
Keep people at a distance and stay on the windward side.
Keep away from ignition sources.
Wear protective clothing.
· **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
· **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste according to Section 13.
Ensure adequate ventilation.
· **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.
Avoid contact with the eyes and skin.
· **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Fumes can combine with air to form an explosive mixture.

· **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 unopened original receptacles.
· **Information about storage in one common storage facility:** Protect from heat and direct sunlight.
· **Further information about storage conditions:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well ventilated area.
· **7.3 Specific end use(s)** No further relevant information available.

(Contd. on page 5)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 4)

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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: 142-82-5 heptane	
WEL	Long-term value: 2085 mg/m³, 500 ppm
CAS: 141-78-6 ethyl acetate	
WEL	Short-term value: 1468 mg/m³, 400 ppm Long-term value: 734 mg/m³, 200 ppm
CAS: 1330-20-7 xylene (mix)	
WEL	Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm Sk; BMGV

· **DNELs**		
CAS: 141-78-6 ethyl acetate		
Dermal	industrial	63 mg/kg/24h (workers) (systemic effects)

· **PNECs**	
CAS: 141-78-6 ethyl acetate	
PNEC	0.24 mg/L (fresh water) 650 mg/L (sewage treatment plant) 1.65 mg/L (intermittent release) 0.024 mg/L (marine)
PNEC	0.148 mg/kg dwt (soil) 0.115 mg/kg dwt (sediment (salt water)) 1.15 mg/kg dwt (sediment (fresh water))

· **Ingredients with biological limit values:**	
CAS: 1330-20-7 xylene (mix)	
BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid

· **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:**
Immediately remove all soiled and contaminated clothing
Avoid contact with the eyes and skin.
Wash hands before breaks and at the end of work.

(Contd. on page 6)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 5)

Do not eat, drink, smoke or sniff while working.

· **Respiratory protection:**
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 A
For further guidance,
please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide".

· **Hand protection**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **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**
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:**	Light beige
· **Odour:**	Like aromatic solvents
· **Melting point/freezing point:**	Undetermined.
· **Boiling point or initial boiling point and boiling range**	98 °C
· **Lower and upper explosion limit**	
· **Lower:**	1.2 Vol %
· **Upper:**	8.3 Vol %

(Contd. on page 7)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 6)

· **Flash point:**	-4 °C
· **Ignition temperature:**	>200 °C
· **Viscosity:**	
· **Kinematic viscosity at 25 °C**	400000-506666 mm2/s
· **Dynamic at 25 °C:**	480000-608000 mPas
· **Solubility**	
· **water:**	Immiscible / difficult to mix.
· **Vapour pressure:**	Not determined.
· **Density and/or relative density**	
· **Density at 20 °C:**	1.2 g/cm³

· **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)**	318 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
· **Corrosive to metals**	Void
· **Desensitised explosives**	Void

(Contd. on page 8)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 7)

SECTION 10: Stability and reactivity

· **10.1 Reactivity** Stable
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
To avoid thermal decomposition do not overheat.
· **10.3 Possibility of hazardous reactions**
Reacts with reducing agents.
Reacts with oxidising agents.
· **10.4 Conditions to avoid** No further relevant information available.
· **10.5 Incompatible materials:** No further relevant information available.
· **10.6 Hazardous decomposition products:**
Possible in traces.
Carbon monoxide and carbon dioxide

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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: 142-82-5 heptane		
Oral	LD50	2,500 mg/kg (rat)
Dermal	LD50	2,500 mg/kg (rabbit)
Inhalative	LC50/4 h	56 mg/L (rat)
CAS: 141-78-6 ethyl acetate		
Oral	LD50	5,620 mg/kg (rabbit)
Inhalative	LC0/4 h	8,000 ppm (rat)
	LC50/4 h	70.56 mg/L (rabbit)
		1,600 mg/L (rat)
CAS: 1330-20-7 xylene (mix)		
Oral	LD50	3,523 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4 h	27.124 mg/L (rat)
	LC50/4 h	5,000 ppmV (rat)
CAS: 2156595-41-2 hydroabietyl alcohol		
Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine		
Oral	LD50	>2,000 mg/kg (rat) (OECD 401)

(Contd. on page 9)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 8)

Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50/4 h	1.49-2.44 mg/L (unknown)

· **Skin corrosion/irritation**
Causes skin irritation.
· **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.
· **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**
May cause drowsiness or dizziness.
· **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.
· **11.2 Information on other hazards**

· **Endocrine disrupting properties**
None of the ingredients is listed.

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SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**	
CAS: 142-82-5 heptane	
LC50/24 h	4 mg/L (carassius auratus)
EC50/48 h	1.5 mg/L (daphnia magna)
CAS: 1330-20-7 xylene (mix)	
LC50/96 h	4.2 mg/L (rainbow trout)
EC50/48 h	2.93-4.4 mg/L (daphnia magna)
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine	
LC0/96 h	344 mg/L (brachydanio rerio)
LC50/96 h	597 mg/L (brachydanio rerio)
EC50/48 h	81 mg/L (daphnia magna)
EC50/72 h	126 mg/L (scenedesmus subspicatus)
EC50/96 h	8.8 mg/L (pseudokirchneriella subcapit.)

· **12.2 Persistence and degradability** No further relevant information available.
· **12.3 Bioaccumulative potential** May be accumulated in organism
· **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.

(Contd. on page 10)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 9)

· **12.7 Other adverse effects**

· **Ecotoxical effects:**	
CAS: 1330-20-7 xylene (mix)	
IC50/72 h	2.2 mg/L (algae)
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine	
NOEC	3.1 mg/L (pseudokirchneriella subcapit.) 20 mg/L (scenedesmus subspicatus)

· **Remark:** Toxic for fish
· **Additional ecological information:**
· **General notes:**
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

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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
HP3	Flammable
HP4	Irritant - skin irritation and eye damage
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** UN1325

· **14.2 UN proper shipping name**

(Contd. on page 11)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 10)

· **ADR**	1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (HEPTANES), ENVIRONMENTALLY HAZARDOUS
· **IMDG**	1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (HEPTANES), ENVIRONMENTALLY HAZARDOUS FLAMMABLE SOLID, ORGANIC, N.O.S. (HEPTANES), MARINE POLLUTANT
· **IATA**	FLAMMABLE SOLID, ORGANIC, N.O.S. (HEPTANES)
· **14.3 Transport hazard class(es)**	
· **ADR, IMDG**	
	
· **Class**	4.1 Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives
· **Label**	4.1
· **IATA**	
	
· **Class**	4.1 Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives
· **Label**	4.1
· **14.4 Packing group**	
· **ADR, IMDG, IATA**	III
· **14.5 Environmental hazards:**	
· **Marine pollutant:**	Yes Symbol (fish and tree)
· **Special marking (ADR):**	Symbol (fish and tree)
· **14.6 Special precautions for user**	Warning: Flammable solids, self-reactive substances, polymerizing substances and solid desensitized explosives
· **Stowage Category**	B
· **14.7 Maritime transport in bulk according to IMO instruments**	Not applicable.

(Contd. on page 12)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 11)

· **Transport/Additional information:**	
· **ADR**	
· **Limited quantities (LQ)**	5 kg
· **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· **Tunnel restriction code**	E
· **Remarks:**	Class 4.1; ADR 2.2.41.1.1 / 1.2.1 / 2.3.4
· **IMDG**	
· **Limited quantities (LQ)**	5 kg
· **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· **Remarks:**	Class 4.1; IMDG 2.4.2.2.2.1
· **IATA**	Class 4.1; IATA 3.4.1.1.2.1
· **UN "Model Regulation":**	UN 1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (HEPTANES), 4.1, 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

· **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.

(Contd. on page 13)

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

Printing date 13.12.2022 Version number 7 (replaces version 6) Revision: 13.12.2022

Trade name: illbruck MT400

(Contd. of page 12)

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**
None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**
None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**
None of the ingredients is listed.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations** No further relevant information available.
· **Substances of very high concern (SVHC) according to EU REACH, Article 57** Not applicable.
· **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.

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.
H226 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.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
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.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.
EUH066 Repeated exposure may cause skin dryness or cracking.

· **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:**
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

(Contd. on page 14)

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

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(Contd. of page 13)

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
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
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
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4

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