

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II) Issue date: 28-Mar-19 Revision date: 23-Aug-21 Supersedes version of: 28-Mar-19 Version: 2.0

Product form	: Mixture	
Product name	: SL-PU D60 B-component	
1.2. Relevant identified uses of the substa	ance or mixture and uses advised against	
1.2.1. Relevant identified uses		
Main use category	: Industrial use, Professional use	
Use of the substance/mixture	: Coating Product only to be used in combination with component A.	
1.2.2. Uses advised against		
No additional information available.		
1.3. Details of the supplier of the safety d	ata sheet	
Quartzline BV		
N.A. Boogaerdtstraat 5		
3316 BN Dordrecht - Nederland F +31 (0)78 6513100 - F +31 (0)78 6177390		
nfo@quartzline.nl - www.quartzline.nl		
1.4. Emergency telephone number		
Emergency number	: +31 (0)78 6513100 This number is serviced during office hours.	

Country	Official advisory body	Address	Emergency number	Remark
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA Belfast	0344 892 0111	Only for the purpose of informing medical personnel in cases of acute intoxications

SECTION 2: Hazards identification 2.1. Classification of the substance or mixture	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Acute toxicity (inhalation:dust,mist) Category 4	H332
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Respiratory sensitisation, Category 1	H334
Skin sensitisation, Category 1	H317
Carcinogenicity, Category 2	H351
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335

H373

Specific target organ toxicity — Repeated exposure, Category 2

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure. Harmful if inhaled. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP) :



Signal word (CLP) Contains : Danger

: Diphenylmethane diisocyanate, isomers and homologues, 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate, o-(p-isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate

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Hazard statements (CLP)	 H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H319 - Causes serious eye irritation. H332 - Harmful if inhaled. H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335 - May cause respiratory irritation. H351 - Suspected of causing cancer. H373 - May cause damage to organs through prolonged or repeated exposure.
Precautionary statements (CLP)	 P201 - Obtain special instructions before use. P261 - Avoid breathing vapours, mist. P280 - Wear protective gloves, protective clothing, eye protection, face protection. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER, doctor. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH204 - Contains isocyanates. May produce an allergic reaction.
Extra phrases	 Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. 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. As from 24 August 2023 adequate training is required before industrial or professional use.
2.3. Other hazards	

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances Not applicable

3.2. Mixtures		-	
Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Diphenylmethane diisocyanate, isomers and homologues (Note C)(Note 2)	CAS-No.: 9016-87-9 EC Index-No.: 615-005-00-9	70 – 90	Carc. 2, H351 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Resp. Sens. 1, H334 Skin Sens. 1, H317
4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate (Note C)(Note 2)	CAS-No.: 101-68-8 EC-No.: 202-966-0 EC Index-No.: 615-005-00-9 REACH-no: 01-2119457014- 47	10 – 15	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
o-(p-isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate (Note C)(Note 2)	CAS-No.: 5873-54-1 EC-No.: 227-534-9 EC Index-No.: 615-005-00-9 REACH-no: 01-2119480143- 45	10 – 15	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373

Specific concentration limits		
Name	Product identifier	Specific concentration limits
Diphenylmethane diisocyanate, isomers and homologues	CAS-No.: 9016-87-9 EC Index-No.: 615-005-00-9	(0.1 ≤C ≤ 100) Resp. Sens. 1, H334 (5 ≤C ≤ 100) Eye Irrit. 2, H319 (5 ≤C ≤ 100) Skin Irrit. 2, H315 (5 ≤C ≤ 100) STOT SE 3, H335

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Specific concentration limits		
Name	Product identifier	Specific concentration limits
4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate	CAS-No.: 101-68-8 EC-No.: 202-966-0 EC Index-No.: 615-005-00-9 REACH-no: 01-2119457014- 47	(0.1 ≤C < 100) Resp. Sens. 1, H334 (5 ≤C < 100) STOT SE 3, H335 (5 ≤C < 100) Skin Irrit. 2, H315 (5 ≤C < 100) Eye Irrit. 2, H319
o-(p-isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate	CAS-No.: 5873-54-1 EC-No.: 227-534-9 EC Index-No.: 615-005-00-9 REACH-no: 01-2119480143- 45	(0.1 ≤C < 100) Resp. Sens. 1, H334 (5 ≤C < 100) STOT SE 3, H335 (5 ≤C < 100) Skin Irrit. 2, H315 (5 ≤C < 100) Eye Irrit. 2, H319

Note 2 : The concentration of isocyanate stated is the percentage by weight of the free monomer calculated with reference to the total weight of the mixture.

Note C : Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers. Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth out with water. Do not induce vomiting without medical advice. Get medical advice/attention.
4.2. Most important symptoms and effects	, both acute and delayed
Symptoms/effects after inhalation	: May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Eye irritation.
4.3. Indication of any immediate medical at Treat symptomatically.	ttention and special treatment needed
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the subst	tance or mixture

5.2. Special hazards arising from the substance or mixture		
Fire hazard	: Presents no particular fire or explosion hazard.	
Hazardous decomposition products in case of fire	: Toxic fumes may be released.	
5.3. Advice for firefighters		
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.	

SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures		
6.1.1. For non-emergency personnel Emergency procedures	: Ventilate spillage area. Do not breathe vapours, mist. Avoid contact with skin and eyes.	
6.1.2. For emergency responders Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	

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6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for containme	nt and cleaning up
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
For further information refer to section 8: "Exposu	ure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Do not breathe vapours, mist. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes.
Hygiene measures	: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includin	ig any incompatibilities
Storage conditions	: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep only in the original container in a cool well ventilated place. Keep container closed when not in use.
Incompatible products	: Strong acids. Strong bases. Oxidizing agent.
Heat and ignition sources	: Keep away from heat and direct sunlight.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection 8.1. Control parameters
8.1.1. National occupational exposure and biological limit values No additional information available.
8.1.2. Recommended monitoring procedures No additional information available.
8.1.3. Air contaminants formed No additional information available.
8.1.4. DNEL and PNEC No additional information available.
8.1.5. Control banding No additional information available.
8.2. Exposure controls
8.2.1. Appropriate engineering controls Appropriate engineering controls: Ensure good ventilation of the work station.
8.2.2. Personal protection equipmentPersonal protective equipment:Gloves. protective clothing. Safety glasses. Insufficient ventilation: wear respiratory protection.
Personal protective equipment symbol(s):
8.2.2.1. Eye and face protection Eye protection:

Safety glasses. Standard EN 166 - Personal eye-protection - specifications

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8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing. CEN : EN 340; EN 369; EN 465

Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent).

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	butyl rubber, chloroprene rubber (CR)	6 (> 480 minutes)	≥0.5		EN 374
Gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	≥0.35		EN 374

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. EN 143

Respiratory protection				
Device	Filter type	Condition	Standard	
breathing apparatus with filter	Filter A (brown), Type P3	Vapour protection, Protection for Liquid particles	EN 143	

8.2.2.4. Thermal hazards

No additional information available.

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties				
9.1. Information on basic physical and chemical properties				
Physical state	: Liquid			
Colour	: brown.			
Odour	: Odourless.			
Odour threshold	: No data available.			
pH	: No data available.			
Relative evaporation rate (butylacetate=1)	: No data available.			
Melting point	: No data available.			
Freezing point	: No data available.			
Boiling point	: > 300 °C (DIN 53171)			
Flash point	: ≈ 229 °C (DIN EN 22719)			
Auto-ignition temperature	: No data available.			
Decomposition temperature	: No data available.			
Flammability (solid, gas)	: No data available.			
Vapour pressure	: No data available.			
Relative vapour density at 20 °C	: No data available.			
Relative density	: No data available.			
Density	: ≈ 1.23 g/cm³ (20 °C; DIN 51757)			
Solubility	: No data available.			
Partition coefficient n-octanol/water (Log Pow)	: No data available.			
Viscosity, kinematic	: ≈ 117.886 mm²/s			
Viscosity, dynamic	: ≈ 145 mPa·s (20 °C; DIN 53019)			
Explosive properties	: No data available.			
Oxidising properties	: No data available.			

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Explosive limits

9.2. Other information

: No data available.

No additional information available.

SECTION 10: Stability and reactivity
10.1. Reactivity
The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability
Stable under normal conditions.
10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid
None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials
No additional information available.
10.6. Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Harmful if inhaled. SL-PU D60 B-component I.5 mg/l/4h Diphenylmethane diisocyanate, isomers and homologues (9016-87-9) ATE gases 4500 ppm//4h ATE vapours 11 mg/l/4h ATE quastmist 1.5 mg/l/4h 4.4*-methylenediphenyl diisocyanate; diphenylmethane-4,4*-diisocyanate (101-68-8) ATE gases 4500 ppm//4h ATE qases 4500 ppm//4h ATE qases 1.5 mg/l/4h O-dynamic di toxicity 1.5 mg/l/4h ATE gases 11 mg/l/4h ATE gases 4500 ppm//4h ATE vapours 11 mg/l/4h ATE dust/mist 1.5 mg/l/4h O-(p-isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate (5873-54-1) ATE gases 4500 ppm//4h ATE qases 4500 ppm//4h ATE quastrist 1.5 mg/l/4h Skin corrosion/irritation : Causes skin irritation. Serious eye damage/irritation : Causes serious eye irritation. Seri	SECTION 11: Toxicological information		
Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Harmful if inhaled. SE-PU D60 B-component I.5 mg/l/4h ATE dust/mist 1.5 mg/l/4h DiphenyImethane diisocyanate, isomers and >orologues (9016-87-9) ATE gases ATE gases 4500 ppmv/4h ATE vapours 11 mg/l/4h ATE dust/mist 1.5 mg/l/4h ATE dust/mist 1.5 mg/l/4h ATE gases 4500 ppmv/4h ATE dust/mist 1.5 mg/l/4h ATE gases 4500 ppmv/4h ATE dust/mist 1.5 mg/l/4h	11.1. Information on toxicological effects		
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allergic skin reaction. Germ cell mutagenicity : Not classified Carcinogenicity : Suspected of causing cancer. Reproductive toxicity : Not classified	Serious eye damage/irritation :	Causes serious eye irritation.	
Carcinogenicity : Suspected of causing cancer. Reproductive toxicity : Not classified			
Reproductive toxicity : Not classified	Germ cell mutagenicity : I	Not classified	
	Carcinogenicity :	Suspected of causing cancer.	
STOT-single exposure : May cause respiratory irritation.	Reproductive toxicity :	Not classified	
	STOT-single exposure : I	May cause respiratory irritation.	
Diphenylmethane diisocyanate, isomers and homologues (9016-87-9)			
STOT-single exposure May cause respiratory irritation.	STOT-single exposure	May cause respiratory irritation.	
4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate (101-68-8)	4,4'-methylenediphenyl diisocyanate; dipheny	Imethane-4,4'-diisocyanate (101-68-8)	
STOT-single exposure May cause respiratory irritation.	STOT-single exposure	May cause respiratory irritation.	
o-(p-isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate (5873-54-1)	o-(p-isocyanatobenzyl)phenyl isocyanate; dipl	henylmethane-2,4'-diisocyanate (5873-54-1)	
STOT-single exposure May cause respiratory irritation.	STOT-single exposure	May cause respiratory irritation.	

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

FOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.				
Diphenylmethane diisocyanate, isomers and homologues (9016-87-9)				
STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.				
4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate (101-68-8)				
STOT-repeated exposure May cause damage to organs through prolonged or repeated exposure.				
o-(p-isocyanatobenzyl)phenyl isocyanate; diphenylmethane-2,4'-diisocyanate (5873-54-1)				
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.			
Aspiration hazard :	Not classified			
SL-PU D60 B-component				
Viscosity, kinematic	≈ 117.886 mm²/s			

SECTION 12: Ecological information				
12.1. Toxicity				
Hazardous to the aquatic environment, short-term (acute)	: Not classified			
Hazardous to the aquatic environment, long-term (chronic)	: Not classified			
12.2. Persistence and degradability				
No additional information available.				
12.3. Bioaccumulative potential				
No additional information available.				
12.4. Mobility in soil				
No additional information available.				
12.5. Results of PBT and vPvB assessment				
SL-PU D60 B-component				
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII				
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII				
12.6 Other adverse offects				

12.6. Other adverse effects No additional information available.

SECTION 13: Disposal considerations
SECTION 13. Disposal considerations
13.1. Waste treatment methods
15.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information n accordance with ADR / IMDG / IATA / ADN / RID					
ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1. UN number					
Not regulated	Not regulated Not regulated Not regulated Not regulated Not regulated				
14.2. UN proper shipping name					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.3. Transport hazard class(es)					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.4. Packing group					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
14.5. Environmental hazards					
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated	
No supplementary information available.					

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes				
Section	Changed item	Change	Comments	
	Supersedes	Added		
	Revision date	Added		
	Extra phrases	Added		
1.1	Product form	Modified		
1.2	Use of the substance/mixture	Added		
1.2	Use of the substance/mixture	Modified		
1.2	Main use category	Added		
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified		
2.1	Adverse physicochemical, human health and environmental effects	Added		
2.2	Precautionary statements (CLP)	Modified		
3	Composition/information on ingredients	Modified		
4.1	First-aid measures after ingestion	Added		
4.1	First-aid measures after inhalation	Added		
4.1	First-aid measures after eye contact	Added		

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Indication of changes			
Section	Changed item	Change	Comments
4.1	First-aid measures after skin contact	Added	
4.1	First-aid measures general	Added	
4.2	Symptoms/effects after eye contact	Added	
4.2	Symptoms/effects after inhalation	Added	
4.2	Symptoms/effects after skin contact	Added	
4.3	Other medical advice or treatment	Added	
5.1	Unsuitable extinguishing media	Added	
5.1	Suitable extinguishing media	Added	
5.2	Fire hazard	Added	
5.2	Hazardous decomposition products in case of fire	Added	
5.3	Protection during firefighting	Added	
5.3	Firefighting instructions	Added	
6.1	Protective equipment	Added	
6.1	Emergency procedures	Added	
6.2	Environmental precautions	Added	
6.3	Other information	Added	
6.3	Methods for cleaning up	Added	
6.4	Reference to other sections (8, 13)	Added	
7.1	Hygiene measures	Added	
7.1	Precautions for safe handling	Added	
7.2	Incompatible products	Added	
7.2	Storage conditions	Added	
7.2	Heat and ignition sources	Added	
8.2	Other information	Modified	
8.2	Environmental exposure controls	Added	
8.2	Appropriate engineering controls	Added	
8.2	Personal protective equipment	Modified	
8.2	Skin and body protection	Added	
8.2	Eye protection	Added	
8.2	Hand protection	Added	
8.2	Respiratory protection	Added	
9.1	Viscosity, dynamic	Added	
9.1	Density	Modified	
9.1	Melting point	Modified	
9.1	Boiling point	Modified	
9.1	Flash point	Modified	
9.1	Colour	Modified	
9.1	Odour	Modified	
10.1	Reactivity	Added	
10.2	Chemical stability	Added	
10.3	Possibility of hazardous reactions	Added	
10.4	Conditions to avoid	Added	

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Indication of changes				
Section	Changed item	Change	Comments	
10.6	Hazardous decomposition products	Added		
11.1	ATE dust/mist	Modified		
13.1	Waste treatment methods	Added		
15.2	Chemical safety assessment	Added		
16	Abbreviations and acronyms	Added		
16	Data sources	Added		

Abbreviations and acronyms		
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ATE	Acute Toxicity Estimate	
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LD50	Median lethal dose	
РВТ	Persistent Bioaccumulative Toxic	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
vPvB	Very Persistent and Very Bioaccumulative	

Data sources

Other information

: ECHA (European Chemicals Agency). according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

: REACH Disclaimer:

This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements			
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4		
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4		
Carc. 2	Carcinogenicity, Category 2		
EUH204	Contains isocyanates. May produce an allergic reaction.		
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H319	Causes serious eye irritation.		
H332	Harmful if inhaled.		
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.		

Safety Data Sheet

According to Regulation (EU) 2015/830, 2020/878 (REACH Annex II)

Full text of H- and EUH-statements			
H335	May cause respiratory irritation.		
H351	Suspected of causing cancer.		
H373	May cause damage to organs through prolonged or repeated exposure.		
Resp. Sens. 1	Respiratory sensitisation, Category 1		
Skin Irrit. 2	Skin corrosion/irritation, Category 2		
Skin Sens. 1	Skin sensitisation, Category 1		
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2		
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation		

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Acute Tox. 4 (Inhalation:dust,mist)	H332	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Resp. Sens. 1	H334	Calculation method
Skin Sens. 1	H317	Calculation method
Carc. 2	H351	Calculation method
STOT SE 3	H335	Calculation method
STOT RE 2	H373	Calculation method

Safety Data Sheet applicable for regions

: GB - United Kingdom

: ATP 8

The classification complies with

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