

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

1.1. Product identifier

Product form : Mixture
Product name : SL-PU D30 B-component
REACH registration No : 01-2119457024-46

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

1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use
Use of the substance/mixture : Hardener
Polyurethane: component
flame retardant
Research and development
Function or use category : Coating

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Quartzline BV
W.A. Boogaerdstraat 5
3316 BN Dordrecht - Nederland
T +31 (0)78 6513100 - F +31 (0)78 6177390
info@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
Specific target organ toxicity — Repeated exposure, Category 2 H373
Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

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

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

GHS08

Signal word (CLP) : Danger

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Contains	: 4,4'-Methylenediphenyl diisocyanate, oligomers; 4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with α -hydro- ω -hydroxypoly(oxy-1,2-ethanediyl)
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 clothing, protective gloves, eye protection. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P342+P311 - If experiencing respiratory symptoms: Call a doctor, a POISON CENTER. 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.

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]
4,4'-Methylenediphenyl diisocyanate, oligomers (Note C)(Note 2)	CAS-No.: 25686-28-6 EC-No.: 500-040-3 EC Index-No.: 615-005-00-9 REACH-no: 01-2119457013-49	50 – 90	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1B, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with α -hydro- ω -hydroxypoly(oxy-1,2-ethanediyl)	CAS-No.: 9048-57-1 EC-No.: 500-028-8	20 – 50	Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Resp. Sens. 1, H334 Skin Sens. 1B, H317 Carc. 2, H351 STOT SE 3, H335 STOT RE 2, H373

Specific concentration limits

Name	Product identifier	Specific concentration limits
4,4'-Methylenediphenyl diisocyanate, oligomers	CAS-No.: 25686-28-6 EC-No.: 500-040-3 EC Index-No.: 615-005-00-9 REACH-no: 01-2119457013-49	(0,1 \leq C < 100) Resp. Sens. 1, H334 (5 \leq C < 100) STOT SE 3, H335 (5 \leq C < 100) Skin Irrit. 2, H315 (5 \leq 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-phrases: see section 16

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

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 medical advice is needed, have product container or label at hand. Call a poison center or a doctor if you feel unwell.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Remove contaminated clothes. Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 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. Do not induce vomiting without medical advice. Immediately call a POISON CENTER/doctor.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation.
Symptoms/effects after skin contact	: Irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: May cause severe irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide. Dry powder. Foam. Sand. If no other extinguishing agent is available, water spray and then plenty of water may be used.
Unsuitable extinguishing media	: Do not use a heavy water stream.

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. Carbon oxides (CO, CO ₂). Nitrogen oxides. Isocyanates. Hydrogen cyanide.

5.3. Advice for firefighters

Firefighting instructions	: Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Use water spray or fog for cooling exposed containers.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Avoid contact with skin and eyes. Do not breathe vapours, mist. Evacuate unnecessary personnel.
----------------------	---

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Notify authorities if product enters sewers or public waters. Take up liquid spill into absorbent material.
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: "Exposure 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. Provide good ventilation in process area to prevent formation of vapour. Use only outdoors or in a well-ventilated area. Do not breathe vapours, mist. Avoid contact with skin and eyes. Wear personal protective equipment. Concerning personal protective equipment to use, see section 8.
-------------------------------	--

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool well ventilated place. Store in a well-ventilated place. Keep container tightly closed. Keep container closed when not in use. Store locked up.

Incompatible products : alcohols. acids. water. Amines. 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

SL-PU D30 B-component	
United Kingdom - Occupational Exposure Limits	
WEL TWA (OEL TWA) [1]	0,02 mg/m ³ Isocyanates, all (as -NCO) Except methyl isocyanate; United Kingdom; Time-weighted average exposure limit 8 h; Workplace exposure limit (EH40/2005)
WEL STEL (OEL STEL)	0,07 mg/m ³ Isocyanates, all (as -NCO) Except methyl isocyanate; United Kingdom; Short time value; Workplace exposure limit (EH40/2005)

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 equipment

Personal protective equipment:

protective clothing. Gloves. Safety glasses. Gas mask.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses. DIN EN 166

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).

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	butyl rubber, polyethylene, Nitrile rubber (NBR), chloroprene rubber (CR), Polyvinylchloride (PVC)	6 (> 480 minutes)	>0.35		EN 374

8.2.2.3. Respiratory protection

Respiratory protection:

Wear respiratory protection. EN 143

Respiratory protection			
Device	Filter type	Condition	Standard
breathing apparatus with filter	Type A - High-boiling (>65 °C) organic compounds, Type P2	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. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: colourless to slightly yellow.
Odour	: No data available.
Odour threshold	: No data available.
pH	: No data available.
Relative evaporation rate (butylacetate=1)	: No data available.
Melting point	: 5 °C (Crystallizes below 10 °C)
Freezing point	: No data available.
Boiling point	: > 300 °C
Flash point	: > 200 °C
Auto-ignition temperature	: No data available.
Decomposition temperature	: ≥ 300 °C
Flammability (solid, gas)	: No data available.
Vapour pressure	: < 0,00001 hPa (25 °C)
Relative vapour density at 20 °C	: No data available.
Relative density	: No data available.
Solubility	: Water: Reacts with water
Partition coefficient n-octanol/water (Log Pow)	: No data available.
Viscosity, kinematic	: No data available.
Viscosity, dynamic	: No data available.
Explosive properties	: No data available.
Oxidising properties	: No data available.
Explosive limits	: No data available.

9.2. Other information

Other properties : Gas/vapour heavier than air at 20°C. Slightly volatile.

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available.

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

10.2. Chemical stability

In the environment, the main degradation mechanism of MDI is hydrolysis. MDI reacts rapidly with water to form largely solid, insoluble polycarbamides. In various forms of contact with the environment, the relatively weak dispersion of isocyanate is characteristic, the reaction of the contact surface leads to the formation of a hard crust covering the partially reacted or unreacted substance. This crust limits water ingress and makes it harder for amine to escape, slowing down and altering hydrolysis.

Stability in Organic Solvents: All MDI isomers and forms are highly unstable in the solvent dimethyl sulfoxide (DMSO), the water content of DMSO increases the degradation. MDI is much more stable in the solvent ethylene-glycol dimethyl ether (EGDE).

10.3. Possibility of hazardous reactions

With cold or warm (<50°C) water the reaction proceeds slowly, with boiling water or vapor the reaction is faster and causes an increasing pressure in addition to the formation of carbon dioxide. With acids, alcohols, amines, bases and oxidizing agents, the reaction causes fire and is explosive.

10.4. Conditions to avoid

Keep away from heat and direct sunlight. Water, humidity.

10.5. Incompatible materials

Water. acids. alcohols. amines. Bases. Oxidizing agent.

10.6. Hazardous decomposition products

No additional information available.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Harmful if inhaled.

SL-PU D30 B-component	
ATE dust/mist	1,5 mg/l/4h
4,4'-Methylenediphenyl diisocyanate, oligomers (25686-28-6)	
LD50 oral rat	> 5000 mg/kg
ATE gases	4500 ppmv/4h
ATE vapours	11 mg/l/4h
ATE dust/mist	1,5 mg/l/4h
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with α -hydro- ω -hydroxypoly(oxy-1,2-ethanediyl) (9048-57-1)	
ATE gases	4500 ppmv/4h
ATE vapours	11 mg/l/4h
ATE dust/mist	1,5 mg/l/4h
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Suspected of causing cancer.
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.
4,4'-Methylenediphenyl diisocyanate, oligomers (25686-28-6)	
STOT-single exposure	May cause respiratory irritation.
4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with α -hydro- ω -hydroxypoly(oxy-1,2-ethanediyl) (9048-57-1)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
4,4'-Methylenediphenyl diisocyanate, oligomers (25686-28-6)	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with α -hydro- ω -hydroxypoly(oxy-1,2-ethanediyl) (9048-57-1)

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

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

SL-PU D30 B-component

NOEC (chronic) : > 10 mg/l

12.2. Persistence and degradability

SL-PU D30 B-component

Persistence and degradability : not readily degradable in water. Hydrolysis in water. No (test)data on mobility of the substance available.

Biodegradation : 0 %

12.3. Bioaccumulative potential

SL-PU D30 B-component

BCF - Fish [1] : 1 (BCF)

BCF - Fish [2] : 0,2 mg/l

Bioconcentration factor (BCF REACH) : < 14

Bioaccumulative potential : Not bioaccumulative.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

SL-PU D30 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 effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

Ecology - waste materials : Avoid release to the environment.

European List of Waste (LoW) code : 08 05 01* - waste isocyanates

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
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

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

ADR	IMDG	IATA	ADN	RID
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.				

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

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(b)	SL-PU D30 B-component ; 4,4'-Methylenediphenyl diisocyanate, oligomeric reaction products with α -hydro- ω -hydroxypoly(oxy-1,2-ethanediyl)	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
56.	4,4'-Methylenediphenyl diisocyanate, oligomers	Methylenediphenyl diisocyanate (MDI)

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
	Extra phrases	Added	
	Revision date	Added	

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Indication of changes			
Section	Changed item	Change	Comments
	Supersedes	Added	
1.1	Product form	Modified	
1.2	Function or use category	Added	
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.2	Precautionary statements (CLP)	Modified	
3	Composition/information on ingredients	Modified	
5.1	Suitable extinguishing media	Modified	
5.2	Hazardous decomposition products in case of fire	Modified	
6.1	Emergency procedures	Modified	
7.1	Precautions for safe handling	Modified	
7.2	Incompatible products	Modified	
8.2	Personal protective equipment	Modified	
9.1	Flash point	Modified	
9.1	Boiling point	Modified	
9.1	Decomposition temperature	Modified	
9.1	Vapour pressure	Modified	
9.1	Solubility in water	Added	
9.1	Colour	Modified	
9.1	Melting point	Modified	
10.2	Chemical stability	Modified	
10.3	Possibility of hazardous reactions	Added	
10.4	Conditions to avoid	Modified	
10.5	Incompatible materials	Modified	
11.1	ATE vapours	Modified	
11.1	ATE dust/mist	Modified	
13.1	Waste disposal recommendations	Modified	
16	Data sources	Modified	

Abbreviations and acronyms	
GHS	GHS: Globally Harmonized System of Classification and Labelling of Chemicals
SDS	Safety Data Sheet
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
LC50	Median lethal concentration

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

Abbreviations and acronyms

LD50	Median lethal dose
CAS	CAS (Chemical Abstracts Service) number
EG-nr	EINECS- en ELINCS-number
EINECS	European Inventory of Existing Commercial Substances
OEL	Occupational Exposure Limit

Data sources : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878.

Other information : 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
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Resp. Sens. 1	Respiratory sensitisation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
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
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.
EUH204	Contains isocyanates. May produce an allergic reaction.

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

SL-PU D30 B-component

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179

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

The classification complies with : ATP 12

This Safety Data Sheet is compiled by: ChemPros B.V. | +31(0)797676006 | info@chemprosbv.nl