

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by  
Commission Regulation (EU) 2020/878



DE / EN

## DisboFLOOR 326 RAPID Comp. A RAL7032

Version	Revision Date:	SDS Number:	Date of last issue: 14.11.2023
4.0	25.06.2024	6025385	Date of first issue: 05.07.2021

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

#### 1.1 Product identifier

Trade name : DisboFLOOR 326 RAPID Comp. A RAL7032

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

Use of the Sub-  
stance/Mixture : Polyurethane-resin-based coating material, totally solid

Recommended restrictions : within adequate application - none  
on use

#### 1.3 Details of the supplier of the safety data sheet

Company : Disbon GmbH  
Roßdörfer Straße 50  
64372 Ober-Ramstadt

Telephone : +496154710  
Telefax : +4961547170222

Website :  
E-mail address Responsible/issuing person : msds@dr-rmi.com

#### 1.4 Emergency telephone

Emergency telephone 1 : +49613284463 GBK GmbH

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Skin sensitization, Category 1 H317: May cause an allergic skin reaction.

Long-term (chronic) aquatic hazard, Category 3 H412: Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



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Signal Word : Warning

Hazard Statements : H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements : **Prevention:**  
P261 Avoid breathing mist or vapors.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.

**Response:**  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

**Disposal:**  
P501 Dispose of contents/ container to an approved waste disposal plant.

### Hazardous ingredients which must be listed on the label:

tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate  
aspartic acid ester  
diethyl fumarate

### Additional Labeling

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Coating material

### Components

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Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	136210-30-5 429-270-1 607-521-00-8 01-0000017556-64	Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 30 - < 50
aspartic acid ester	152637-10-0	Skin Sens. 1; H317 Aquatic Chronic 3; H412	>= 10 - < 20
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	13463-67-7 236-675-5 022-006-00-2 01-2119489379-17	Carc. 2; H351	>= 1 - < 10
quartz (respirable dust) <sup>[MX]</sup>	14808-60-7 238-878-4 01-2120770509-45	STOT RE 1; H372 (Lungs)	>= 1 - < 10
diethyl fumarate	623-91-6 210-819-7	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335  Acute toxicity estimate  Acute oral toxicity: 1.367 mg/kg	>= 1 - < 10
Substances with a workplace exposure limit :			
Quartz (SiO <sub>2</sub> )	14808-60-7 238-878-4 01-2120770509-45		>= 30 - < 50
barium sulfate	7727-43-7 231-784-4 01-2119491274-35		>= 1 - < 10

<sup>MX</sup> This substance is integrated into the matrix of our products and will therefore be ignored for classification and labeling of the product.

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first-aid measures

General advice : Show this material safety data sheet to the doctor in attendance.  
Move out of dangerous area.  
First aider needs to protect himself.  
Never give anything by mouth to an unconscious person.

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- |                         |   |  |
|-------------------------|---|--|
| If inhaled              | : | Move to fresh air.<br>If symptoms persist, call a physician.   |
| In case of skin contact | : | Take off all contaminated clothing immediately.<br>In case of contact, immediately flush skin with soap and plenty of water.<br>Do NOT use solvents or thinners.       |
| In case of eye contact  | : | Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.   |
| If swallowed            | : | If accidentally swallowed obtain immediate medical attention.<br>If swallowed, DO NOT induce vomiting.<br>Clean mouth with water and drink afterwards plenty of water. |

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

- |       |   |                                      |
|-------|---|--------------------------------------|
| Risks | : | May cause an allergic skin reaction. |
|-------|---|--------------------------------------|

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

- |           |   |                           |
|-----------|---|---------------------------|
| Treatment | : | No information available. |
|-----------|---|---------------------------|

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- |                              |   |  |
|------------------------------|---|--|
| Suitable extinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry powder<br>Foam |
|------------------------------|---|--|

### 5.2 Special hazards arising from the substance or mixture

- |                                       |   |   |
|---------------------------------------|---|---|
| Specific hazards during fire fighting | : | Cool closed containers exposed to fire with water spray.<br>In case of fire hazardous decomposition products may be produced such as:<br>Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). |
|---------------------------------------|---|---|

### 5.3 Advice for firefighters

- |  |   |  |
|--|---|--|
| Special protective equipment for fire-fighters | : | Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.  |
| Further information                            | : | Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>Standard procedure for chemical fires.<br>In the event of fire and/or explosion do not breathe fumes. |

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Do not get in eyes, on skin, or on clothing.  
Use personal protective equipment.  
Evacuate personnel to safe areas.  
Ensure adequate ventilation.  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

#### 6.2 Environmental precautions

Environmental precautions : Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.  
Do not flush into surface water or sanitary sewer system.

#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

#### 6.4 Reference to other sections

For further information see Section 7 of the safety data sheet.  
, For personal protection see section 8., For disposal considerations see section 13.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.  
Avoid exceeding the given occupational exposure limits (see section 8).  
Contains isocyanates. Please, attend to producer's advice.  
Liquid product may irritate and sensitize skin and respiratory tract and may cause allergic reaction. Do not inhale vapours.  
Take care for sufficient fresh air supply during and after use.  
Product must not be sprayed. Allergics or persons tending to respiratory tract diseases must not be involved in operations with this product.  
Polymerization is a highly exothermic reaction and may generate sufficient heat to cause thermal decomposition and/or rupture containers.

In addition, the current technical information for this product and its application on [www.caparol.com](http://www.caparol.com) must be observed.

Advice on protection against fire and explosion : The product is flammable but not readily ignited.

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Hygiene measures : Keep working clothes separately. Remove and wash contaminated clothing before re-use. Avoid contact with the skin and the eyes. Wash hands before eating, drinking, or smoking. Do not eat, drink or smoke when using this product. Remove contaminated clothing and protective equipment before entering eating areas.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Store between 41 and 77 °F in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class (TRGS 510) : 12

### 7.3 Specific end use(s)

Specific use(s) : This information is not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Quartz (SiO <sub>2</sub> )	14808-60-7	TWA (Respirable dust)	0,1 mg/m <sup>3</sup>	2004/37/EC
Further information: Carcinogens or mutagens				
barium sulfate	7727-43-7	AGW (Inhalable fraction)	10 mg/m <sup>3</sup>	DE TRGS 900
Peak-limit category: 2;(II)				
Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child				
		AGW (Alveolate fraction)	1,25 mg/m <sup>3</sup>	DE TRGS 900
Peak-limit category: 2;(II)				
Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child				
		BM (Alveolar dust fraction)	0,5 mg/m <sup>3</sup>	DE TRGS 527
		MAK (measured as the alveolate fraction)	0,3 mg/m <sup>3</sup>	DE DFG MAK
Further information: Substances that cause cancer in humans or animals or that are considered to be carcinogenic for humans and for which a MAK value can be derived., Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed				

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		MAK (inhalable fraction)	4 mg/m <sup>3</sup>	DE DFG MAK
	Further information: Substances that cause cancer in humans or animals or that are considered to be carcinogenic for humans and for which a MAK value can be derived., Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed			
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	13463-67-7	MAK (measured as the alveolate fraction)	0,3 mg/m <sup>3</sup>	DE DFG MAK
	Further information: Substances that cause cancer in humans or animals or that are considered to be carcinogenic for humans and for which a MAK value can be derived., Damage to the embryo or foetus is unlikely when the MAK value or the BAT value is observed			
		AGW (Inhalable fraction)	10 mg/m <sup>3</sup> (Titanium dioxide)	DE TRGS 900
	Peak-limit category: 2;(II)			
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
		AGW (Alveolate fraction)	1,25 mg/m <sup>3</sup> (Titanium dioxide)	DE TRGS 900
	Peak-limit category: 2;(II)			
	Further information: When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child			
		BM (Alveolar dust fraction)	0,5 mg/m <sup>3</sup>	DE TRGS 527
quartz (respirable dust)	14808-60-7	TWA (Respirable dust)	0,1 mg/m <sup>3</sup>	2004/37/EC
	Further information: Carcinogens or mutagens			

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Routes of exposure	Potential health effects	Value
tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	Consumers	Inhalation	Long-term systemic effects	4,80 mg/m <sup>3</sup>
	Consumers	Skin contact	Long-term systemic effects	1,40 mg/kg bw/day
	Consumers	Ingestion	Acute systemic effects	1,40 mg/kg bw/day
	Consumers	Skin contact	Acute systemic effects	1,40 mg/kg bw/day
	Consumers	Ingestion	Long-term systemic effects	1,40 mg/kg bw/day
	Consumers	Inhalation	Acute systemic effects	4,80 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	4,00 mg/kg bw/day

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	Workers	Inhalation	Acute systemic effects	112,00 mg/m3
	Workers	Inhalation	Long-term systemic effects	28,00 mg/m3
barium sulfate	Consumers	Inhalation	Long-term systemic effects	10,00 mg/m3
	Consumers	Ingestion	Long-term systemic effects	13000,00 mg/kg bw/day
	Workers	Inhalation	Long-term systemic effects	10,00 mg/m3
	Workers	Inhalation	Long-term local effects	10,00 mg/m3
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ ]	Consumers	Ingestion	Long-term systemic effects	700,00 mg/kg bw/day
	Workers	Inhalation	Long-term local effects	10,00 mg/m3

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-dl-aspartate	Soil	0,1 mg/kg dry weight (d.w.)
	Fresh water	0,00013 mg/l
	Fresh water sediment	0,21 mg/kg dry weight (d.w.)
	Sewage treatment plant	31,1 mg/l
	Sea water	0,000013 mg/l
	Sea sediment	0,02 mg/kg dry weight (d.w.)
barium sulfate	Fresh water	115 $\mu\text{g/l}$
	Fresh water sediment	600,4 mg/kg dry weight (d.w.)
	Soil	207,7 mg/kg dry weight (d.w.)
	Sewage treatment plant	62,2 mg/l
titanium dioxide; [in powder form containing 1 % or more of particles with aerodynamic diameter $\leq 10 \mu\text{m}$ ]	Sewage treatment plant	100 mg/l
	Fresh water	0,184 mg/l
	Soil	100 mg/kg dry weight (d.w.)
	Sea water	0,0184 mg/l
	Fresh water sediment	1000 mg/kg dry weight (d.w.)
	Sea sediment	100 mg/kg dry weight (d.w.)



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	Intermittent use/release	0,193 mg/l
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### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection : Safety glasses with side-shields  
DGUV Regulation 112-192 - Use of eye and face protection

Goggles

Hand protection

Material : Nitrile rubber

Glove thickness : 0,3 mm

Protective index : Class 3

Remarks : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Before removing gloves clean them with soap and water. Wear suitable gloves tested to EN374.  
DGUV Regulation 112-195 - Use of protective gloves

Skin and body protection : Safety shoes  
Long sleeved clothing  
Remove and wash contaminated clothing before re-use.  
Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Skin should be washed after contact.

Remove and wash contaminated clothing before re-use.  
During spray application: impervious clothing

Respiratory protection : When exceeding the WEL substance Limit a respiratory filter Type A is necessary. Class 1 or 2 has to be chosen depending on the workplace concentration.  
Do not use for spraying.

During spray application: Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.

DGUV Regulation 112-190 - Use of breathing equipment

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state : liquid

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Color	:	gray
Odor	:	characteristic
Odor Threshold	:	Not relevant
Melting point/freezing point	:	not determined
Boiling point/boiling range	:	not determined
Upper explosion limit / Upper flammability limit	:	not determined
Lower explosion limit / Lower flammability limit	:	not determined
Flash point	:	Not applicable
Autoignition temperature	:	not determined
Decomposition temperature	:	Not applicable
pH	:	substance/mixture is non-soluble (in water)
Viscosity		
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	Not applicable
Flow time	:	> 60 s at 23 °C Method: ISO 2431
Solubility(ies)		
Water solubility	:	partly miscible

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Partition coefficient: n-octanol/water : not determined

Vapor pressure : not determined

Density : 1,55 g/cm<sup>3</sup> (20 °C)  
Method: DIN EN ISO 2811-2

Bulk density : Not applicable

Relative vapor density : not determined

### 9.2 Other information

Explosives : Not applicable

Oxidizing properties : Not applicable

Flammability (liquids) : The product is not flammable.

Evaporation rate : Not applicable

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Amines and alcohols cause exothermic reactions.  
Mixture reacts slowly with water resulting in evolution of CO<sub>2</sub>.

### 10.4 Conditions to avoid

Conditions to avoid : Exposure to water vapor.  
Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Materials to avoid : Amines  
Incompatible with oxidizing agents.  
Incompatible with acids and bases.

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### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

**|| Not classified based on available information.**

#### Product:

Acute oral toxicity : Acute toxicity estimate: > 2.000 mg/kg  
Method: Calculation method

#### Components:

#### diethyl fumarate:

Acute oral toxicity : Acute toxicity estimate: 1.367 mg/kg

#### Skin corrosion/irritation

**|| Not classified based on available information.**

#### Serious eye damage/eye irritation

**|| Not classified based on available information.**

#### Respiratory or skin sensitization

#### Skin sensitization

**|| May cause an allergic skin reaction.**

#### Respiratory sensitization

**|| Not classified based on available information.**

#### Germ cell mutagenicity

**|| Not classified based on available information.**

#### Carcinogenicity

**|| Not classified based on available information.**

#### Reproductive toxicity

**|| Not classified based on available information.**

#### STOT-single exposure

**|| Not classified based on available information.**

#### STOT-repeated exposure

**|| Not classified based on available information.**

#### Aspiration toxicity

**|| Not classified based on available information.**

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### 11.2 Information on other hazards

#### Endocrine disrupting properties

**Not classified based on available information.**

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **barium sulfate:**

Toxicity to fish : Remarks: No toxicity at the limit of solubility.

Toxicity to daphnia and other aquatic invertebrates : Remarks: No toxicity at the limit of solubility.

Toxicity to algae/aquatic plants : Remarks: No toxicity at the limit of solubility.

Toxicity to fish (Chronic toxicity) : Remarks: No toxicity at the limit of solubility.

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: No toxicity at the limit of solubility.

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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### 12.6 Endocrine disrupting properties

#### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### 12.7 Other adverse effects

#### Product:

Additional ecological information : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Uncured product residues and unpurified packaging should be disposed of as hazardous waste.  
Waste should not be disposed of via wastewater.

Material residues: Allow the basic substance to harden with hardener and dispose of as paint waste.

Contaminated packaging : Only completely emptied containers should be given for recycling.  
Packaging that is not properly emptied must be disposed of as the unused product.

Waste Code : used product  
080112, waste paint and varnish other than those mentioned in 08 01 11\*

unused product  
080111\*, waste paint and varnish containing organic solvents or other dangerous substances

packagings not completely emptied  
15 01 10\*, packaging containing residues of or contaminated by hazardous substances

## SECTION 14: Transport information

### 14.1 UN number or ID number

ADN : Not regulated as a dangerous good

ADR : Not regulated as a dangerous good

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RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

### 14.2 UN proper shipping name

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA	:	Not regulated as a dangerous good

### 14.4 Packing group

ADN	:	Not regulated as a dangerous good
ADR	:	Not regulated as a dangerous good
RID	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
IATA (Cargo)	:	Not regulated as a dangerous good
IATA (Passenger)	:	Not regulated as a dangerous good

### 14.5 Environmental hazards

Not regulated as a dangerous good

### 14.6 Special precautions for user

Remarks	:	Not classified as dangerous in the meaning of transport regulations.
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### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on	:	Conditions of restriction for the fol-
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the market and use of certain dangerous substances,  
mixtures and articles (Annex XVII)

lowing entries should be considered:  
Number on list 75, 3

If you intend to use this product as  
tattoo ink, please contact your ven-  
dor.

REACH - Candidate List of Substances of Very High  
Concern for Authorization (Article 59). : None

Regulation (EC) on substances that deplete the ozone  
layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollu-  
tants (recast) : Not applicable

REACH - List of substances subject to authorisation  
(Annex XIV) : None

Seveso III: Directive 2012/18/EU of the Euro-  
pean Parliament and of the Council on the  
control of major-accident hazards involving  
dangerous substances. Not applicable

Water hazard class (Germa- : **WGK 2 obviously hazardous to water**  
ny) **Classification according to AwSV, Annex 1 (5.2)**

Product code for laquers and : PU40 --ALT-- PU systems, solvent-free, harmful, sensitising  
paints / Giscode

. : PU10 PU systems, harmful to health, total solid; solvent con-  
tent: total solid

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial  
emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 2,09 %

Volatile organic compounds : Directive 2004/42/EC  
< 3 %  
< 40 g/l

### Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national  
regulations, where applicable.

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment is not required for this mixture.



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### SECTION 16: Other information

#### Full text of H-Statements

H302	: Harmful if swallowed.
H315	: Causes skin irritation.
H317	: May cause an allergic skin reaction.
H335	: May cause respiratory irritation.
H351	: Suspected of causing cancer if inhaled.
H372	: Causes damage to organs through prolonged or repeated exposure if inhaled.
H412	: Harmful to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Carc.	: Carcinogenicity
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitization
STOT RE	: Specific target organ toxicity - repeated exposure
STOT SE	: Specific target organ toxicity - single exposure
2004/37/EC	: Europe. Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens or mutagens at work
DE DFG MAK	: Germany. MAK BAT Annex IIa
DE TRGS 527	: Germany. TRGS 527 - Activities with nanomaterials
DE TRGS 900	: Germany. TRGS 900 - Occupational exposure limit values.
2004/37/EC / TWA	: Long term exposure limit
DE DFG MAK / MAK	: MAK value
DE TRGS 527 / BM	: Assessment scale
DE TRGS 900 / AGW	: Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECl - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further information

Other information	: No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC. Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.
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Sources of key data used to compile the Material Safety Data Sheet : ECHA WebSite  
ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs. Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH  
NIOSH - Registry of toxic effects of chemical substances  
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
SAX'S - Dangerous properties of industrial materials  
GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)  
Toxnet - Toxicology Data Network

### Classification of the mixture:

Skin Sens. 1	H317
Aquatic Chronic 3	H412

### Classification procedure:

Calculation method
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

### REACH Information

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our up-stream-suppliers. As usual we will inform you about the adjustments.

Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly.

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