Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Revision date : 13. Jul. 2026
Date of print : 13. Jul. 2026

1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : 2K MMAprofi
Article number (GTIN/EAN) : 4 260604 227104
Component : Adhesive
UFI : RTXA-0V3M-U20E-KHN4

1.2 Identified uses of the substance or mixture

Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.

Use of the substance or mixture
Adhesive for 2 component adhesive

1.3 Details of the supplier of the safety data sheet

Company name
S-Polytec GmbH
Im Schlop 11
D - 47559 Kranenburg
Telephone : +49 2826 - 308 905-0

Department responsible for information
Department S-Polybond Adhesive
Mr Dipl. Ing (FH) Andreas Schröder
Telephone : +49 2826 - 308 905-0
Email : spolybond@s-polytec.de

1.4 Emergency telephone number

Poison Centre, Mainz
Telephone : +49 131 - 19 240

2 - Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

Flam. Liq. 2	H225	Highly flammable liquid and vapour.
Skin Irrit. 2	H315	Causes skin irritation.
Eye Dam. 1	H318	Causes serious eye damage.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H335	May cause respiratory irritation.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to EC regulation 1272/2008 (CLP)
The substance is classified and labelled in accordance with the CLP Regulation.

Hazard pictograms



GHS02 GHS07 GHS05

Signal word : Danger

Safety data sheet
according to Regulation (EC)
No 1907/2006, Article 31

Revision date : 13. Jul. 2026
Date of print : 13. Jul. 2026

2 - Hazards identification

2.2 Label elements

Hazard statements

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H412	Harmful 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/protective clothing/eye protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to hazardous or special waste collection point.

Special labelling
Text for labelling
Contains Methyl methacrylate, Methacrylic acid, Maleic acid, Tosyl chloride and Colophony.

2.3 Other hazards

Potentially explosive mixtures may form if adequate ventilation is not provided.
Higher doses may have a narcotic effect. Special danger of slipping by leaking/spilling product.

Endocrine disrupting properties, Results of PBT and vPvB assessment

Cas No.	Designation	PBT/vPvB	ED Human	ED Environment
128-37-0	2,6-di-tert-Butyl-p-cresol	50 - 60%	List II	

3 - Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Chemical characteristics

Mixture of the substances listed below with non-hazardous additions.

Hazardous ingredients:

Identifiers	Designation	Content	Classification
REACH 01-2119452498-28-xxxx EC No. 201-297-1 CAS 80-62-6	Methyl methacrylate	60 - 70%	Flam. Liq. 2 - H225, Skin Irrit. 2 - H315, Skin Sens. 1 - H317, STOT SE 3 - H335
REACH 01-2119463884-26-xxxx EC No. 201-204-4 CAS 79-41-4	Methacrylic acid	<5%	Acute Tox. 4 - H302, Acute Tox. 4 - H312, Skin Corr. 1A - H314, Eye Dam. 1 - H318, STOT SE 3 - H335 Specific concentration limits (SCL): STOT SE 3 - H335: C ≥ 1 %

Safety data sheet
according to Regulation (EC)
No 1907/2006, Article 31

Revision date : 13. Jul. 2026
Date of print : 13. Jul. 2026

3 - Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients:

Identifiers	Designation	Content	Classification
REACH 01-2119488705-25-xxxx EC No. 203-742-5 CAS 110-16-7	Maleic acid	1 - 3%	Acute Tox. 4 - H302, Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317, STOT SE 3 - H335 Specific concentration limits (SCL): Skin Sens. 1 - H317: C ≥ 0.1 %
REACH 01-2119565113-46-xxxx EC No. 204-881-4 CAS 128-37-0	2,6-di-tert-Butyl-p-cresol	<2.5 %	Aquatic Chronic 1 - H410 M-factors: Aquatic Chronic 1: M = 1
REACH 01-2119475796-19-xxxx EC No. 201-254-7 CAS 80-15-9	Cumene hydroperoxide	<1 %	Org. Perox. E - H242, Acute Tox. 4 - H302, Acute Tox. 3 - H311, Acute Tox. 3 - H331, Skin Corr. 1B - H314, Eye Dam. 1 - H318, STOT RE 2 - H373, Aquatic Chronic 2 - H411 Specific concentration limits (SCL): Skin Corr. 1B - H314: C ≥ 10 % Skin Irrit. 2 - H315: 3 % ≤ C < 10 % Eye Dam. 1 - H318: 3 % ≤ C < 10 % Eye Irrit. 2 - H319: 1 % ≤ C < 3 % STOT SE 3 - H335: C < 10 %
REACH 01-2119971273-36-xxxx EC No. 202-684-8 CAS 98-59-9	Tosyl chloride	<1 %	Met. Corr. 1 - H290, Skin Irrit. 2 - H315, Eye Dam. 1 - H318, Skin Sens. 1A - H317
REACH 01-2119480418-32-xxxx EC No. 232-475-7 CAS 8050-09-7	Colophony	<1 %	Skin Sens. 1 - H317

Additional information
Full text of H- and EUH-statements: see section 16.
Contains < 0.1 % Cumene.
The maximum workplace exposure limits are, where necessary, listed in section 8.

4 - First aid measures

4.1 Description of first aid measures

General information : If medical advice is needed, have product container or label at hand.
Take off contaminated clothing and wash it before reuse.

In case of inhalation : Provide fresh air.
If breathing is irregular or stopped, administer artificial respiration.
Immediately get medical attention.

Following skin contact : Immediately clean with water and soap followed by thorough rinsing.
In case of skin reactions, consult a physician.

After eye contact : Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart.
Remove contact lenses, if present and easy to do. Continue rinsing.
Subsequently seek the immediate attention of an ophthalmologist.

4 - First aid measures

4.1 Description of first aid measures

after swallowing : Do not induce vomiting. Rinse mouth with water.
Drink large quantities of water.
Never give anything by mouth to an unconscious person.
Immediately call a POISON CENTER/doctor.

4.2 Symptoms and effects

Most important symptoms and effects, both acute and delayed
Causes serious eye damage. Causes skin irritation.
May cause an allergic skin reaction.
May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 - Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Water spray jet or water mist, carbon dioxide, extinguishing powder and foam.

Extinguishing media which must not be used for safety reasons
Full water jet.

5.2 Special hazards arising from the substance or mixture

Highly flammable liquid and vapour.
Hazardous vapours may form during fires.
Air combined with vapours may form potentially explosive mixtures that are heavier than air.
Vapours may proceed on the ground over great distances and cause fire and backflashes.
Furthermore, there may develop: halogenated compounds, carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Special protective equipment for firefighters
Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.
In case of fire and/or explosion do not breathe fumes.

Additional information
Heating will lead to pressure increase: Danger of bursting and explosion.
Keep containers cool with water spray.
In case of major fire and large quantities: Evacuate area.
Fight fire remotely due to the risk of explosion.
Do not allow fire water to penetrate into surface or ground water.
Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

6 - Accidental release measures

6.1 Personal precautions

Personal precautions, protective equipment and emergency procedures
Avoid breathing vapours.
Avoid contact with the substance.
If possible, eliminate leakage.
Provide adequate ventilation.
Wear appropriate protective equipment.
Keep unprotected people away.
Take off contaminated clothing and wash it before reuse.

6 - Accidental release measures

6.2 Environmental precautions

Do not allow to enter into ground-water, surface water or drains.
Do not allow to enter into soil/subsoil.
In case of release, notify competent authorities.

6.3 Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculite, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations. Refer to section 13.
Beware of reignition. Thoroughly clean surrounding area.
In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).

Additional information
In case of greater quantities: Collect mechanically (use only explosion-proof equipment when pumping out).
Use explosion-proof equipment and non-sparking tools/utensils.
Special danger of slipping by leaking/spilling product.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

7 - Handling and storage

7.1 Precautions for safe handling

Advices on safe handling
Provide adequate ventilation, and local exhaust as needed.
Avoid breathing vapours.
Do not get in eyes, on skin, or on clothing.
Wear appropriate protective equipment.
Do not eat, drink or smoke when using this product.
Wash hands thoroughly after handling.
Take off contaminated clothing and wash it before reuse.
Guarantee sufficient ventilation during and after use, in order to prevent vapour accumulation.
When handling large quantities, supply emergency spray.

Precautions against fire and explosion
Keep away from sources of ignition - No smoking.
In partially filled containers explosive mixtures may form.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers
Keep container dry, tightly closed and store at cool and aired place.
Keep only in original container.
Protect from heat and direct sunlight.
Store containers in upright position.

Hints on joint storage
Do not store together with combustible or self-igniting materials or any highly flammable solids.
Keep away from oxidizing agents.
Keep away from food, drink and animal feedingstuffs.

Storage class according to TRGS 510
LGK 3 = Flammable liquids

7.3 Specific end use(s)

No information available.

Safety data sheet
according to Regulation (EC) No 1907/2006, Article 31

Revision date : 13. Jul. 2026
Date of print : 13. Jul. 2026

8 - Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

CAS-No.	Designation	Type	Limit value
80-62-6	Methyl methacrylate	Europe: IOELV: STEL Europe: IOELV: TWA Ireland: 15 minutes Ireland: 8 hours	100 ppm 50 ppm 100 ppm 50 ppm
79-41-4	Methacrylic acid	Ireland: 15 minutes Ireland: 8 hours	140 mg/m³; 40 ppm 70 mg/m³; 20 ppm
128-37-0	2,6-di-tert-Butyl-p-cresol	Ireland: 8 hours	2 mg/m³
98-59-9	Tosyl chloride	Ireland: 15 minutes	5 mg/m³
98-82-8	Cumene	Europe: IOELV: STEL Europe: IOELV: TWA Ireland: 15 minutes Ireland: 8 hours	250 mg/m³; 50 ppm (may be absorbed through the skin) 50 mg/m³; 10 ppm (may be absorbed through the skin) 250 mg/m³; 50 ppm (may be absorbed through the skin) 50 mg/m³; 10 ppm (may be absorbed through the skin)

Biological exposure limit value

CAS No.	Designation	Type	
98-82-8	Cumene	Germany: TRGS 903, Urine	**Limit value** : 10 mg/g creatinine **Parameter** : 2-Phenylpropan-2-ol **Sampling time**: End of exposure or end of shift

DNEL/DMEL

Information about Methyl methacrylate		
DNEL short-term	workers, dermal, local	1.5 mg/cm²
DNEL short-term	workers, inhalative, local	416 mg/m³
DNEL long-term	workers, dermal, systemic	13.67 mg/kg bw/d
DNEL long-term	workers, inhalative, systemic	208 mg/m³
DNEL long-term	workers, dermal, local	1.5 mg/cm²
DNEL long-term	workers, inhalative, local	208 mg/m³
DNEL short-term	consumers, dermal, local	1.5 mg/cm²
DNEL short-term	consumers, inhalative, local	208 mg/m³
DNEL long-term	consumers, dermal, systemic	8.2 mg/kg bw/d
DNEL long-term	consumers, inhalative, systemic	74.3 mg/m³
DNEL long-term	consumers, dermal, local	1.5 mg/cm²
DNEL long-term	consumers, inhalative, systemic	105 mg/m³

Information about Methacrylic acid		
DNEL long-term	workers, inhalative, local	88 mg/m³
DNEL long-term	workers, inhalative, systemic	29.6 mg/m³
DNEL long-term	workers, dermal, systemic	4.25 mg/kg bw/d
DNEL long-term	consumers, inhalative, local	6.55 mg/m³
DNEL long-term	consumers, inhalative, systemic	6.3 mg/m³
DNEL long-term	consumers, dermal, systemic	2.55 mg/kg bw/d

8 - Exposure controls/personal protection

8.1 Control parameters

DNEL/DMEL

Information about Colophony		
DNEL long-term	workers, inhalative	176.32 mg/m³
DNEL long-term	workers, dermal	25 mg/kg bw/d
DNEL long-term	consumers, inhalative	52.174 mg/m³
DNEL long-term	consumers, dermal	15 mg/kg bw/d
DNEL long-term	consumers, oral	15 mg/kg bw/d

Information about 2,6-di-tert-Butyl-p-cresol		
DNEL	workers, inhalative	3.5 mg/m³
DNEL	workers, dermal	0.5 mg/kg bw/d

PNEC

Information about Methyl methacrylate		
PNEC water	freshwater	0.94 mg/L
PNEC water	marine water	0.94 mg/L
PNEC water	intermittent release	0.94 mg/L
PNEC sewage treatment plant		10 mg/L
PNEC sediment	freshwater	5.74 mg/kg dw
PNEC sediment	marine water	5.74 mg/kg dw
PNEC soil		1.47 mg/kg dw

Information about Methacrylic acid		
PNEC water	freshwater	0.82 mg/L
PNEC water	marine water	0.82 mg/L

Information about Colophony		
PNEC water	freshwater	0.005 mg/L
PNEC water	marine water	0.0005 mg/L
PNEC sewage treatment plant		1000 mg/L
PNEC sediment	freshwater	108 mg/kg dwt
PNEC sediment	marine water	10.8 mg/kg dwt
PNEC soil		21.4 mg/kg dwt

Information about 2,6-di-tert-Butyl-p-cresol		
PNEC water	freshwater	0.199 µg/L
PNEC water	marine water	0.0199 µg/L
PNEC sediment		99.6 µg/L
PNEC soil		47.69 µg/L

8.2 Exposure controls

General protective measures

Provide for good ventilation or exhaust system or work with completely self-contained equipment.

Personal protective equipment

Respiratory protection

Respiratory protection must be worn whenever the WEL levels have been exceeded.
The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection

Protective gloves according to BS EN ISO 374:1.
Observe glove manufacturer‘s instructions concerning penetrability and breakthrough time.

8 - Exposure controls/personal protection

8.2 Exposure controls

Eye protection
Tightly sealed goggles according to BS EN ISO 16321-1:2022.

Body protection
Flame retardant, antistatic and chemical resistant protective clothing.

General protection and hygiene measures
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
Avoid breathing vapours.
Do not get in eyes, on skin, or on clothing.
Take off contaminated clothing and wash it before reuse.
Contaminated work clothing should not be allowed out of the workplace.
When using do not eat or drink.
Wash hands thoroughly after handling.
When handling large quantities, supply emergency spray.

Environmental exposure controls

Refer to section 6.2 (Environmental precautions).

9 - Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Physical state Form Colour	 liquid (at 20 °C and 101.3 kPa) Paste white
Odour	strong odour of acryl
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point/flash point range	11 °C (c.c)
Explosive limits lower explosive limit upper explosive limit	 No data available No data available
Vapour pressure	No data available
Vapour density	No data available
Density	1.00 - 1.03 g/mL
Solubility	No data available
Partition coefficient n-octanol/water	No data available
Flammability	No data available
Decomposition temperature	No data available
Viscosity (kinematic)	>40 mm²/s at 40 °C
Particle characteristics	No data available

9.2 Other information

Explosive properties	No data available
Oxidizing characteristics	No data available
Auto-ignition temperature	No data available
Evaporation rate	No data available

Additional information
No data available.

10 - Stability and reactivity

10.1 Reactivity

Highly flammable liquid and vapour.
Vapours can form explosive mixtures with air.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Heating will lead to pressure increase: Danger of bursting and explosion.

10.4 Conditions to avoid

Keep away from heat sources, sparks and open flames. Protect from direct sunlight.

10.5 Incompatible materials

Oxidising agent.

10.6 Hazardous decomposition products

No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition
No data available.

11 - Toxicological information

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

Toxicological effects
The statements are derived from the properties of the single components.
No toxicological data is available for the product as such.

Acute toxicity (oral)	: ATEmix (calculated): 2.000 < ATE < 5,000 mg/kg.
Acute toxicity (dermal)	: ATEmix (calculated): 2.000 < ATE < 5,000 mg/kg.
Acute toxicity (inhalative)	: Based on available data, the classification criteria are not met.
Skin corrosion/irritation	: Skin Irrit. 2 - H315 = Causes skin irritation.
Serious eye damage/irritation	: Eye Dam. 1 - H318 = Causes serious eye damage.
Sensitisation to the respiratory tract	: Lack of data.
Skin sensitisation	: Skin Sens. 1 - H317 = May cause an allergic skin reaction.
Germ cell mutagenicity/Genotoxicity	: Lack of data.
Carcinogenicity	: Lack of data.
Reproductive toxicity	: Lack of data.
Effects on or via lactation	: Lack of data.
Specific target organ toxicity	
single exposure	: STOT SE 3; H335 = May cause respiratory irritation.
repeated exposure	: Lack of data.
Aspiration hazard	: Lack of data.

11.2 Information on other hazards

Endocrine disrupting properties
2,6-di-tert-Butyl-p-cresol, CAS 128-37-0: List II.

Symptoms

In case of inhalation	: Irritation to respiratory tract, cough.
In case of ingestion	: Stomachache
After contact with skin	: Skin irritations, redness, pain.
After eye contact	: Causes burns. Eye contact may cause irritation, redness, tearing or blurry vision. Pain.

11 - Toxicological information

11.2 Information on other hazards

Other information

Information about Methyl methacrylate		
LD50 Rat	oral	7872 mg/kg
LD50 Rabbit	dermal	>5000 mg/kg
LD50 Rabbit	inhalative (vapour)	78000 mg/m³/4h

Information about Methacrylic acid		
LD50 Rat	oral	1060 mg/kg
LD50 Rabbit	dermal	500 mg/kg

Information about Maleic acid		
LD50 Rat	oral	708 mg/kg

Information about 2,6-di-tert-Butyl-p-cresol		
LD50 Rat	oral	890 mg/kg

Information about Cumene hydroperoxide		
LD50 Rat	oral	382 mg/kg
LD50 Rat	dermal	500 mg/kg
LC50 Rat	inhalative	220 ppm/4h

Information about Tosyl chloride		
LD50 Rat	oral	4680 mg/kg

Information about Colophony		
LD50 Rat	oral	7600 mg/kg

12 - Ecological information

12.1 Toxicity

Aquatic toxicity
Harmful to aquatic life with long lasting effects.

Information about Methyl methacrylate:
Fish toxicity: Pimephales promelas (fathead minnow), freshwater, LC50 acute: 130 mg/L/96 h

Information about Methacrylic acid:
Daphnia toxicity: Daphnia magna (Big water flea), freshwater, NOEC chronic: 53 mg/L/ 21 d

Information about Maleic acid:
Daphnia toxicity: EC50: 160 mg/L/ 48 h
Fish toxicity: LC50: 106 mg/L/ 96 h

Information about 2,6-di-tert-Butyl-p-cresol:
Daphnia toxicity: Daphnia pulex, freshwater, EC50 acute: 1440 µg/L/ 48 h

Information about Tosyl chloride:
Fish toxicity: LC50: > 100 mg/L/ 96 h

Information about Colophony:
Daphnia toxicity: EC50 acute: 911 mg/L/ 48 h
Fish toxicity: LC50: >1000 mg/L/ 96 h

Water hazard class
WGK 3 = Highly hazardous to water.

12.2 Persistence and degradability

Further information
Biodegradability : Information about Methacrylic acid: 86 %/28d. Readily degradable.
Information about Colophony: 64 %/28d. Readily degradable.

12 - Ecological information

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water
No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

None.

12.7 Other adverse effects

AOX reference
The product contains organically bound halogen. Thus it may add to the AOX value.

General information
Do not allow to enter into ground-water, surface water or drains.
Do not allow uncontrolled discharge of product into the environment.

13 - Disposal considerations

13.1 Waste treatment methods

Product

Waste key number	: 08 04 09* = Waste adhesives and sealants containing organic solvents or other dangerous substances * = Evidence for disposal must be provided.
Recommendation	: Dispose of waste according to applicable legislation.

Package

Recommendation	: Dispose of waste according to applicable legislation. Handle contaminated packages in the same way as the substance itself. Handle empty containers with care. Incineration may cause explosion.

14 - Transport information

14.1 UN number or ID number

ADR/RID, ADN, IMDG, IATA-DGR	: UN 1133

14.2 UN proper shipping name

ADR/RID	: UN 1133, ADHESIVES
ADN	: UN 1133, ADHESIVES
IMDG, IATA-DGR	: UN 1133, ADHESIVES

14.3 Transport hazard class(es)

ADR/RID, ADN	: Class 3, Code: F1
IMDG	: Class 3, Subrisk -
IATA-DGR	: Class 3



14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR	: II

14 - Transport information

14.5 Environmental hazards

Dangerous for the environment : Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant - IMDG : no

14.6 Special precautions for user

Land transport (ADR/RID)

Warning board	: ADR/RID: Kemler-number 33, UN number UN 1133
Hazard label	: 3
Special Provisions	: 640C
Limited quantities	: 5 L
Excepted quantities	: E2
Package - Instructions	: P001
Package - Special Provisions	: PP1
Special provisions for packing together	: MP19
Portable tanks - Instructions	: T4
Portable tanks - Special Provisions	: TP1 TP8
Tank coding	: L1.5BN
Tunnel restriction code	: D/E

Inland waterway transport (ADN)

Hazard label	: 3
Special Provisions	: 640C
Limited quantities	: 5 L
Excepted quantities	: E2
Equipment required	: PP - EX - A
Ventilation	: VE01

Sea transport (IMDG)

EmS	: F-E, S-D
Special Provisions	: -
Limited quantities	: 5 L
Excepted quantities	: E2
Package - Instructions	: P001
Package - Provisions	: PP1
IBC - Instructions	: IBC02
IBC - Provisions	: -
Tank instructions - IMO	: -
Tank instructions - UN	: T4
Tank instructions - Provisions	: TP1, TP8
Stowage and handling	: Category B.
Properties and observations	: Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility with water depends upon their composition.
Segregation group	: none

Air transport (IATA)

Hazard label	: Flamm. liquid
Excepted Quantity Code	: E2
Passenger and Cargo Aircraft: Ltd.Qty.	: Pack.Instr. Y341 - Max. Net Qty/Pkg. 1 L
Passenger and Cargo Aircraft	: Pack.Instr. 353 - Max. Net Qty/Pkg. 5 L
Cargo Aircraft only	: Pack.Instr. 364 - Max. Net Qty/Pkg. 60 L
Special Provisions	: A3
Emergency Response Guide-Code (ERG)	: 3L

14.7 Maritime transport in bulk according to IMO instruments

No data available.

Safety data sheet
according to Regulation (EC)
No 1907/2006, Article 31

Revision date : 13. Jul. 2026
Date of print : 13. Jul. 2026

15 - Regulatory information

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

National regulations - Germany

Storage class
LGK 3 - Flammable liquids.

Water hazard class
WGK 3 - Highly hazardous to water.

Major Accidents Ordinance (12th BImSchV)
Physical hazards: Section 1.2.5.3 = Code P5c, quantity threshold 5,000,000 kg / 50,000,000 kg
Environmental hazards: Section 1.3.2 = Code E2, quantity threshold 200,000 kg / 500,000 kg

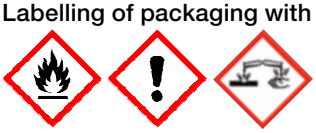
Technical Instructions on Air Quality Control
5.2.5: 66.4 %

Information on employment restrictions
Observe employment restrictions for young persons.
Observe employment restrictions for expectant and nursing mothers.

Other regulations, restrictions and ordinances
The product is not subject to the German Chemicals Prohibition Ordinance (ChemVerbotsV).

National regulations - EC member state

Labelling of packaging with <= 125mL content



Signal word : Danger

Hazard statements

H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P102	Keep out of reach of children.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P405	Store locked up.
P501	Dispose of contents/container to hazardous or special waste collection point.

Further regulations, limitations and legal requirements:
Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: Physical hazards: Code P5c, Quantity threshold 5 000 000 kg / 50 000 000 kg
Use restriction according to REACH annex XVII, no.: 3, 40, 75
Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: P5.

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

Safety data sheet
according to Regulation (EC)
No 1907/2006, Article 31

Revision date : 13. Jul. 2026
Date of print : 13. Jul. 2026

16 - Other information

16.1 Relevant phrases

Wording of the H-phrases under paragraph 2 and 3

H225	Highly flammable liquid and vapour.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H412	Harmful to aquatic life with long lasting effects.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.
H242	Heating may cause a fire.
H311	Toxic in contact with skin.
H331	Toxic if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
H290	May be corrosive to metals.

16.2 Abbreviations and acronyms

Acute Tox.	Acute toxicity
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
AOX	Adsorbable Organic Halogens
Aquatic Chronic	Hazardous to the aquatic environment - chronic
AS/NZS	Australian Standards/New Zealand Standards
CAS	Chemical Abstracts Service
CFR	Code of Federal Regulations
CLP	Classification, Labelling and Packaging
DMEL	Derived minimal effect level
DNEL	Derived no-effect level
EC	European Community
EC50	Effective Concentration 50%
EN	European Standard
EQ	Excepted quantities
EU	European Union
Eye Dam.	Eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
IATA	International Air Transport Association
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code	International Maritime Dangerous Goods Code
LC50	Median lethal concentration
LD50	Lethal dose 50%
MARPOL	Maritime Pollution - The International Convention for the Prevention of Pollution from Ships
Met. Corr.	Corrosive to metals
M-factor	Multiplication factor
NOEC	No Observed Effect Concentration
OEL	Occupational Exposure Limit Value
Org. Perox.	Organic peroxide
OSHA	Occupational Safety and Health Administration
PBT	Persistent, bioaccumulative and toxic

Safety data sheet
according to Regulation (EC)
No 1907/2006, Article 31

Revision date : 13. Jul. 2026
Date of print : 13. Jul. 2026

16 - Other information

16.2 Abbreviations and acronyms

PNEC	Predicted no-effect concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations Concerning the International Carriage of Dangerous Goods by Rail
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
Skin Sens.	Skin sensitisation
STOT RE	Specific target organ toxicity - repeated exposure
STOT SE	Specific target organ toxicity - single exposure
TLV	Threshold Limit Value
TRGS	Technical Rules for Hazardous Substances
UN	United Nations
vPvB	Very persistent and very bioaccumulative
WEL	Workplace Exposure Limit

16.3 Department issuing data sheet

See section 1 (Department responsible for information)

16.4 Training advice

-

16.5 Key literature references and sources of data

Germany – BG RCI:
- Information sheet M 004 “Acids and Alkalis”
- Information sheet M 050 “Activities involving hazardous substances”
- Information sheet M 053 “Occupational safety measures for activities involving hazardous substances”

16.6 Revision information

Reason of change

-

Date of first version

13. July 2026

16.7 Other information

The information provided in this safety data sheet has been compiled to the best of our knowledge and reflects the state of knowledge at the date of revision. However, it does not constitute a legally binding guarantee of specific properties. Liability is excluded.