EPDM Surface Adhesive SprayBond

Safety Data Sheet

In accordance with Regulation (EU) No. 1907/2006 Annex II, as amended. Regulation (EU) No 2020/878 by the Commission.

SECTION 1: Name of the substance or mixture and the undertaking

1.1 Product identifier

Product EPDM Surface Adhesive SprayBond

Container size 750 ml

UFI T6J0-D0V0-600Q-4S2S

1.2 Relevant identified uses of the substance or mixture and uses that are discouraged

No other relevant information available.

Use of the substance/mixture Glue

1.3 Details of the supplier providing the safety data sheet

Hanse Baustoffe Handelsges. mbH & Co. KG
Lily-Braun-Str. 46
23843 Bad Oldesloe
Germany
Phone: +494531 8882244
Fax: +494531 8882240
E-mail: info@hanse-baustoffe.de
www.hanse-baustoffe.de

1.4 Emergency number

Poison control center Berlin Charité: +4930 30686700 (advice in German and English), area of validity Germany and Austria

SECTION 2: Possible Hazards

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008

GHS02 Flame

Flam. Liq. 1 H224 Liquid and vapor extremely flammable.

GHS09 Environment

Aquatic Acute1 H400 Very toxic to aquatic organisms.
Aquatic Chronic1 H410 Toxic to aquatic life, with long-term effects.

GHS07

Skin Irrit. 2 H315 causes skin irritation.
Eye Irrit. 2 H319 Causes severe eye irritation.
STOT SE 3 H336 May cause drowsiness and drowsiness.

2.2 Marking elements

Marking according to Regulation (EC) No. 1272/2008

The product is classified and labelled in accordance with the CLP Regulation.

Hazard pictograms

GHS02 GHS07 GHS09

Signal word

Danger

Warnings

H222-H229	Extremely flammable aerosol. Container is pressurized: can burst when heated.
H315	Causes skin irritation.
H319	Causes severe eye irritation.
H336	May cause drowsiness and lightheadedness.
H410	Very toxic to aquatic organisms with long-term effects.

Safety

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray against open flame or other ignition source.
P261	Avoid inhaling steam.
P273	Avoid release into the environment.
P280	Wear protective gloves / eye protection.
P305+P351+P338	IN CASE OF CONTACT WITH EYES: Rinse gently with water for a few minutes. Remove any existing contact lenses if possible. Continue to rinse.
P312	If you feel unwell, call a POISON CENTER/doctor.
P410+P412	Protect from sunlight. Do not expose to temperatures above 50°C/122°F.

Additional labelling information

Contains zinc bis(dibutyldithiocarbamate). May cause allergic reactions.

For commercial users only. Container is under pressure. Protect from sunlight and temperatures above 50 °C. Do not open or burn by force even after use. Without sufficient ventilation, the formation of explosive mixtures is possible.

EUH066 Repeated contact may result in brittle or cracked skin.

Please refer to the safety data sheet.

Comprises

Hydrocarbons, C6-C7, isoalkanes, cyclics, <5 % n-hexane, PENTANE, ACETONE

Additional safety instructions

P261 Avoid inhalation of vapour/aerosol.

P264 Wash contaminated skin thoroughly after use.

P273 Avoid release into the environment.

P302+P352 IN CONTACT WITH SKIN: Wash with plenty of water.

P304+P340 ON INHALATION: Remove the person to fresh air and ensure unobstructed breathing.

P312 If you feel unwell, call a POISON CENTER/doctor.

P332+P313 In case of skin irritation: Seek medical advice/medical attention.

P405 Store under lock and key.

2.3 Other hazards

Containers should be emptied carefully before they are disposed of because of the risk of explosion. Prolonged or repeated contact with the skin can cause irritation, redness, and dermatitis. Can form explosive/flammable vapour/air mixtures when used. Vapors are heavier than air and can spread very far near the ground to an ignition source and then strike back. This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/ingredient information

3.2 Mixtures

Hazardous ingredients		
CAS: 115-10-6 EINECS: 204-065-8 Reg.nr: 01-2119472128-37	Dimethyl ether - Flam. Gas 1, H220; Flam. Liq. 1, H224; Press. Gas C, H280	20-<50%
CAS: 110-82-7 EINECS: 203-806-2 Reg.nr.: 01-2119463273-41	Cyclohexane - Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; STOT SE 3, H336	20-<40%
CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrogen-treated light - Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; Skin Irrit. 2, H315; STOT SE 3, H336	10-<20%
CAS: 67-64-1 EINECS: 200-662-2 Reg.nr.: 01-2119471330-49	Acetone - Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066	10-<20%
CAS: 136-23-2 EINECS: 205-232-8 Reg.nr.: 01-2119535161-51	Zinc bis(dibutyldithiocarbamate) - Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	<0.5%

Additional Notes:
"NAFTA" classified and labelled in accordance with Directive 67/548/EEC, Note P [contains benzene(CAS: 71-43-2)< 0.1% by weight] The wording of the hazard statements quoted can be found in Section 16.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General information
Self-protection of the first aider.
Remove contaminated clothing. Seek medical advice in case of persistent symptoms or in case of doubt.
Take the affected person out into the fresh air immediately. This safety data sheet must be presented to the medical staff.

Inhale
In case of unconsciousness, storage and transport in a stable lateral position.
If the victim is not breathing: Perform mouth-to-mouth or mouth-to-nose resuscitation, notify the emergency doctor immediately.

Swallow
Rinse mouth with water. If symptoms persist, consult a doctor.

Skin contact

Wash off immediately with soap and water and rinse well.

Eye contact

Rinse the eyes with running water for several minutes with the slit open.
Rinse eyes under running water for several minutes with the eyelid slit open. In case of persistent symptoms, consult a doctor.

Protective measures for first responders

Rescue workers should wear appropriate protective clothing during their rescue mission.

4.2 Main acute and delayed symptoms and effects

General information

The severity of the symptoms described varies depending on the concentration and duration of exposure. Prolonged and repeated contact with solvents over a long period of time can lead to permanent damage to health.

Inhale

May cause coughing or difficulty breathing. Overexposure to organic solvents can affect the central nervous system, leading to dizziness and intoxication and, at very high concentrations, loss of consciousness and death.

Swallow

If swallowed, severe irritation of the mouth, esophagus and gastrointestinal tract can occur.

Skin contact

Prolonged contact can cause redness, irritation and dry skin. Product has a degreasing effect on the skin.

Eye contact

Irritates the eyes. Heavily watery eyes.

4.3 Indications of immediate medical assistance or special treatment

Note to the doctor

This safety data sheet must be presented to the medical staff. Treat symptomatically.

Special treatment methods

If the adhesive begins to stick, do not forcibly pull the eyelids apart.

SECTION 5: Firefighting Measures

5.1 Extinguishing agents

Suitable extinguishing agents

CO2, extinguishing powder or water spray. Larger fire with water spray or foam.

Unsuitable extinguishing agents

Water in a full stream

5.2 Specific hazards posed by the substance or mixture

Special Hazards

Containers can burst or explode strongly when heated, due to excessive pressure build-up. Forms explosive mixtures with air. May explode when heated or when exposed to flames or sparks. Vapors are heavier than air and can spread very far near the ground to an ignition source and then strike back. Bursting aerosol containers can be driven at high speed as a result of a fire.

Under certain fire conditions, traces of toxic substances cannot be ruled out, such as:

Carbon monoxide (CO)

5.3 Instructions for firefighting

Protective measures during firefighting

Use water to cool containers exposed to fire and disperse the fumes. If spilled or spilled material has not ignited, water mist should be used to disperse the fumes and protect employees. Keep runoff water under control by damming it and keep it away from sewers and watercourses.

Special protective equipment for firefighters

Self-contained breathing apparatus that operates in positive pressure mode (SCBA) and wear appropriate protective clothing.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and procedures to be followed in emergencies

Personal precautionary measures

wear protective clothing as described in section 8 of this SDS. Wear appropriate protective equipment at work, including gloves, goggles/face shields, respiratory protection, boots, clothing, or apron, as appropriate. Avoid eye contact and prolonged skin contact. Do not inhale vapour/aerosol.

For non-emergency personnel

For maximum protection, protective clothing should include anti-static coveralls, boots, and gloves.

For emergency personnel

For maximum protection, protective clothing should include anti-static coveralls, boots, and gloves.

6.2 Environmental protection measures

Do not allow to enter the sewer system or water bodies.

In the event of intrusion into water bodies or sewers, notify the competent authorities.

Do not allow to enter the sewer system/surface water/groundwater.

6.3 Methods and material for retention and purification

Methods of cleaning

Keep away from all ignition sources. No smoking, no sparks, flames or other sources of ignition near spills. Provide sufficient ventilation. Pick up with vermiculite, dry sand or soil and transfer to containers. Avoid discharge of spilled material or runoff into the sewer system or water body. Collect spilled material for recovery or disposal in closed containers, hand it over to an approved waste management company. Contact of the leaked material or leaking containers with water must be avoided. Approach the buried person from the windward side. Take measures against electrostatic charges. Use only non-sparking tools.

Provide adequate ventilation.

6.4 Reference to Other Sections

For information on safe handling, see section 7.

For information on personal protective equipment, see section 8.

For information on disposal, see Section 13.

SECTION 7: Handling and Storage

7.1 Protective measures for safe handling

Protective measures during use

Keep away from heat, sparks and open flames. Static electricity and sparking are to be avoided. Wear protective clothing as described in section 8 of this SDS and read and follow manufacturer's recommendations. Do not use in confined spaces without proper ventilation and/or respirator. Do not eat, drink or smoke when in use.

General occupational hygiene measures

Do not eat, drink or smoke when in use. Remove contaminated clothing and protective equipment before entering dining areas. Wash after use and before eating, smoking and using the toilet. No smoking in the work area. Clean equipment and work area daily.

7.2 Conditions for safe storage taking into account incompatibilities

Protective measures for storage

Under normal conditions of use and storage, spillage of aerosol containers is unlikely. Container is under pressure. Protect from sunlight and temperatures above 50 °C. Do not open or burn by force even after use. Store

in a tightly closed original container in a dry, cool and well-ventilated place. Avoid contact with oxidizable substances. Store away from the following materials: Alkalis.
The official regulations for the storage of compressed gas packs must be observed.

Storage class(es)

Extremely flammable aerosol.

Further information on storage conditions:

Do not seal the container gas-tight.
Keep container tightly closed.

· **Storage hazard class (VCI)** 2 B

· **Classification according to the Industrial Safety Ordinance (BetrSichV):** -

· **GISCode** S1 Highly solvent-based installation materials, free of aromatics and methanol

7.3 Specific End Applications

Intended end-use(s)

The intended uses of this product are described in section 1.2.

SECTION 8: Limitation and Monitoring of Exposure/Personal Protective Equipment

8.1 Parameters to Monitor

Components with work-related limit values to be monitored:	
115-10-6 Dimethyl Ether	
AGW (Germany)	Long-term value: 1900 mg/m³, 1000 ml/m³ 8(II); DFG, EU
IOELV (European Union)	Long-term value: 1920 mg/m³, 1000 ml/m³
MAK (Austria)	Short-term value: 3820 mg/m³, 2000 ml/m³ Long-term value: 1910 mg/m³, 1000 ml/m³
110-82-7 Cyclohexane	
AGW (Germany)	Long-term value: 700 mg/m³, 200 ml/m³ 4(II); DFG, EU
IOELV (European Union)	Long-term value: 700 mg/m³, 200 ml/m³
MAK (Austria)	Short-term value: 2800 mg/m³, 800 ml/m³ Long-term value: 700 mg/m³, 200 ml/m³
67-64-1 Acetone	
AGW (Germany)	Long-term value: 1200 mg/m³, 500 ml/m³ 2(I); AGS, DFG, EU, Y
IOELV (European Union)	Long-term value: 1210 mg/m³, 500 ml/m³
MAK (Austria)	Short-term value: 4800 mg/m³, 2000 ml/m³ Long-term value: 1200 mg/m³, 500 ml/m³

Ingredients with biological limits:	
110-82-7 Cyclohexane	
BGW	150 mg/g creatinine Test material: urine Sampling time: in case of long-term exposure: at the end of the shift after several previous shifts, end of exposure or end of the shift Parameters: 1,2-cyclohexanediol (after hydrolysis)
67-64-1 Acetone	
BGW	50 mg/l test material: urine Sampling time: end of exposure or end of shift

	Parameters: Acetone

Additional notes: The lists valid at the time of preparation served as a basis.

8.2 Limiting and monitoring exposure

Protective equipment

Appropriate technical control equipment No further information, see section 7.

Individual protective measures, such as personal protective equipment

General protective and hygiene measures:

Clean contaminated clothing by vacuuming, do not blow off or brush.
The usual precautions when handling chemicals must be observed.
Keep away from food, drink and feed.
Remove soiled, soaked clothing immediately.
Wash your hands before breaks and at the end of work.
Do not inhale gases/vapours/aerosols.
Avoid contact with eyes and skin.
Do not carry product-soaked cleaning rags in your trouser pockets.

Respiratory

In case of insufficient ventilation, respiratory protection.
The oxygen content of the air we breathe must be sufficient, i.e. > 17%
In case of short-term or low load, breathing filter device; in the event of intensive or prolonged exposure, self-contained
Use a breathing apparatus.
Filter AXP3(EN371)

Guard

Butyl rubber gloves (EN374, EN388:4101).
Permeation EN374-3: 2003 (minutes)> 480 minutes
Selection of glove material taking into account breakthrough times, permeation rates and degradation.
When wearing protective gloves, disposable cotton undergloves are recommended. However,
these undergloves are thrown away after each use, to prevent potential hazards
by absorbed product.

Glove material

The selection of a suitable glove depends not only on the material, but also on other quality features
and varies from manufacturer to manufacturer. Since the product is a preparation of several substances,
the durability of glove materials cannot be predicted in advance and must therefore be tested before use.
be checked.

Penetration time of glove material

The exact breakthrough time must be found out from the protective glove manufacturer and adhered to.

Gloves made of the following materials are suitable for continuous contact: Butyl rubber

For continuous contact of a maximum of 15 minutes, gloves made of the following materials are suitable:
Butyl rubber

Eye/Face Protection

Safety Glasses(EN166)

· **Body Protection:** Protective Work Clothing (EN 340, 463, 468, 943-1, 943-2)

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Aerosol
Color	tan
Smell	Solvent-like.
Odour threshold	Data is missing.
ph	not applicable
Melting point	Data is missing.
Boiling start and boiling range	-24.9 °C (115-10-6 dimethyl ether)
Lower and upper explosion limit	
Inferior:	1.3% by volume (110-82-7 cyclohexane)
Upper:	18.6% by volume (115-10-6 dimethyl ether)
Flash point	-42 °C (115-10-6 dimethyl ether)
Evaporation speed	Not available.
Evaporation coefficient	Not available.
Flammability (solid, gaseous)	No specific trial data available.
Other flammability	No specific trial data available.
Vapor Density	Not available.
Vapor pressure at 20 °C:	5,200 hPa (115-10-6 dimethyl ether)
Density and/or relative density	
Density at 20 °C:	0.7 g/cm³
Vapor Density	*Not definitely.*
Bulk density	Not applicable.
Solubility/solubility	Insoluble in water.
Distribution coefficient	Not available.
Autoignition temperature	No information available.
Decomposition temperature	Not available.
Viscosity(ASTM D3236, 100°C)	
Dynamic at 20 °C:	400 mPas
Explosion behavior	Can form explosive/flammable vapour/air mixtures when used.
Oxidation behavior	Does not meet the criteria for classification as oxidizing.

9.2 Other information

Form:	Aerosol
Important information on health and safety	
Environmental protection and safety	
Ignition temperature:	The product is not self-igniting.
Solvent content:	
Organic solvents:	100,9 %
VOC (EC)	706.0 g/l
VOC% (EC)	100,86 %
Solid content:	15,0 %
State	
Evaporation speed	Not definitely.

Information on physical hazard classes

Explosive substances/mixtures and articles containing

Explosive

Aerosols Extremely flammable aerosol. Container is pressurized: can burst when heated.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Reactivity Stable at normal ambient temperatures and when used as intended.

10.2 Chemical Stability

Thermal decomposition / conditions to be avoided:

No decomposition when used as intended.

10.3 Possibility of Dangerous Reactions

Possibility of dangerous reactions Does not occur. Can form explosive/flammable vapour/air mixtures when used.

10.4 Conditions to Avoid

Incompatible conditions Protect from heat, flames and other sources of ignition. Containers can be heated when burst or explode severely, due to excessive pressure build-up. Avoid accumulation of vapors in low or narrow areas.

10.5 Incompatible materials

Incompatible materials Strong acids. Strong oxidizing agents. Strong alkalis.

10.6 Dangerous decomposition products

Dangerous decomposition products carbon oxides.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

The product has not been tested. The statements below were derived from the properties of the individual ingredients.

Acute toxicity

Based on the available data, the classification criteria are not met.

Classification-relevant LD/LC50 values:		
115-10-6 Dimethyl Ether		
Inhalation	LC50, 4h	308 mg/l (Council)
110-82-7 Cyclohexane		
Oral	LD50	>5,000 mg/kg (Council)
Dermal	LD50	>2,000 mg/kg (Rabbit)
64742-49-0 Naphtha (petroleum), hydrotreated light		
Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
67-64-1 Acetone		
Oral	LD50	>5,000 mg/kg (Council)
Dermal	LD50	>5,000 mg/kg (Rabbit)
Inhalation	LD50	39 mg/l (Council)
136-23-2 Zinc bis(dibutyl dithiocarbamate)		
Oral	LD50	>2,000 mg/kg (Council)

Primary irritant effect:
Corrosive/irritating effect on the skin
Causes skin irritation.
Severe eye damage/irritation
Causes severe eye irritation
Sensitization of the respiratory tract/skin
Based on the available data, the classification criteria are not met.
CMR effects (carcinogenic, mutagenic and toxic to reproduction)
Germ cell mutagenicity
Based on the available data, the classification criteria are not met.
Carcinogenicity
Based on the available data, the classification criteria are not met.

Reproductive toxicity
Based on the available data, the classification criteria are not met.
Specific target organ toxicity with single exposure
May cause drowsiness and lightheadedness.
Specific target organ toxicity with repeated exposure
Based on the available data, the classification criteria are not met.
Risk of aspiration
Based on the available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine-disrupting properties
None of the ingredients are included.

SECTION 12: Environmental Claims

12.1 Toxicity

Aquatic toxicity:	
110-82-7 Cyclohexane	
LC50, 96 h	4.53 mg/l (Fathered minnow, Pimepheales promelas)
EC50, 48h	0.9 mg/l (Daphnia magna)
EC50, 72h	3.4 mg/l (Algae)
67-64-1 Acetone	
LC50, 96h	>5,000 mg/l (Fish)
EC50, 48h	39 mg/l (Daphnia magna)

12.2 Persistence and Degradability

No other relevant information available.

12.3 Bioaccumulation potential

115-10-6 Dimethyl Ether	
log Kow	0.1 (no species defined) Recommended value of the LOG KOW database

12.4 Mobility in the ground

No other relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

12.6 Endocrine Disrupting Properties

No other relevant information available.

12.7 Other Adverse Effects

Remark: Toxic to fish.
Other notes:
Ecotoxicological data have not been specifically determined for this product. The information given is based on knowledge of the ingredients and ecotoxicology of similar products.
Further ecological information:
General information:
Water hazard class 2 (self-classification): clearly hazardous to water
Do not allow to enter groundwater, water bodies or sewers.
Drinking water hazard even if small quantities leak into the underground.
In waters, it is also toxic to fish and plankton.
Very toxic to aquatic organisms

SECTION 13: Disposal Instructions

13.1 Waste Treatment Procedures

Recommendation
Must not be disposed of together with household waste. Do not let it get into the sewer system.
European Waste Catalogue
Discuss the exact waste code with the disposal company.
Uncleaned packaging
Recommendation
Disposal in accordance with official regulations.

SECTION 14: Transportation Information

14.1 UN number

ADR, IMDG, IATA	UN1950

14.2 Proper UN shipping designation

COR	1950 COMPRESSED GAS PACKS
IMDG	AEROSOLS, MARINE POLLUTANT
IATA	AEROSOLS, flammable

14.3 Transport hazard classes

COR

Class	2 5F Gases
Hazard label	2.1

IMDG

Class	2. 1Gases
Label	2.1

IATA

Class	2. 1Gases
Label	2.1

14.4 Packaging Group

ADR, IMDG, IATA	not applicable

14.5 Environmental hazards

The product contains environmentally hazardous substances: cyclohexane

Marine pollutant	Yes Symbol (Fish and Tree)
Special marking (ADR)	Symbol (Fish and Tree)

14.6 Special precautions for the user

Users	Attention: Gases
Kemler number	23
EMS Number	F-D,S-U
Stowage Category	D
Stowage Code	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of Living quarters.
Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for Division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

14.7 Carriage of bulk cargo by sea in accordance with IMO instruments

Not applicable.

Quantity limitations	On passenger aircraft/rail: 75Kg On cargo aircraft only: 150 kg
COR:	
Limited quantity (LQ)	1
Exempted Quantities (EQ)	Code: E0 Not authorised in exempt quantities
Promotion category	2
Tunnel Restriction Code	D

IMDG:	
Limited quantities (LQ)	1
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
UN "Model Regulation"	U N 1 9 5 0 D R U C K G A S P A C K U N G E N , 2 . 1 , ENVIRONMENTALLY HAZARDOUS

SECTION 15: Legislation

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

Directive 2012/18/EU

Hazardous substances listed by name - ANNEX I None of the ingredients are included.

Seveso Category

E1 Hazardous to water

P3a FLAMMABLE AEROSOLS

· Quantity threshold (in tonnes) for use in establishments of the lower class 100 t

· Quantity threshold (in tonnes) for use in establishments of the upper class 200 t

· REGULATION (EC) No 1907/2006 ANNEX XVII Restriction conditions: 3, 57

· Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment

Electronic Equipment – Annex II *None of the ingredients are included.*

· ANNEX I - RESTRICTED EXPLOSIVES PRECURSORS (UPPER CONCENTRATION LIMIT FOR EXPLOSIVES an authorisation in accordance with Article 5(3)) None of the ingredients are included.

· ANNEX II - REPORTABLE EXPLOSIVES PRECURSORS

67-64-1 Acetone

· *Regulation (EC) No 273/2004 on drug precursors*

67-64-1 Acetone

· **Regulation (EC) No 111/2005 laying down rules for the control of trade in Drug exchanges between the Community and third countries**

67-64-1 Acetone

National provisions:

Technical instructions for air:

Class	Share in %
NK	100,00

Water hazard class: WGK 2 (self-classification): clearly hazardous to water.

Other Regulations, Restrictions and Prohibition Ordinances

The product is subject to Annex 2 of the Chemicals Prohibition Ordinance (ChemVerbotsV) - Requirements relating to the dispensing

15.2 Chemical safety assessment

A chemical safety assessment was not carried out.

SECTION 16: Other Disclosures

The information is based on the current state of our knowledge, but it does not represent an assurance of product characteristics and does not establish a contractual legal relationship.

Relevant sentences

H220 Extremely flammable gas.

H224 Liquid and vapor extremely flammable.
H225 Highly flammable liquid and vapour.
H280 Contains gas under pressure; can explode when heated.
H304 May be fatal if swallowed and enters the respiratory tract.
H315 causes skin irritation.
H317 May cause allergic skin reactions.
H319 Causes severe eye irritation.
H335 May irritate the respiratory tract.
H336 May cause drowsiness and drowsiness.
H400 Very toxic to aquatic organisms.
H410 Very toxic to aquatic life with long-term effects.
H411 Toxic to aquatic life, with long-term effects.
EUH066 Repeated contact may result in brittle or cracked skin.

Abbreviations and acronyms:
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
ICAO: International Civil Aviation Organisation
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (United States, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Flam. Gas 1: Flammable gases – Category 1
Aerosol 1: Aerosols – Category 1
Press. Gas (Comp.): Gases under pressure – compressed gas
Flam. Liq. 1: Flammable liquids – Category 1
Flam. Liq. 2: Flammable liquids – Category 2
Skin Irrit. 2: Skin irritating/corrosive effect – category 2
Eye Irrit. 2: Severe eye damage/eye irritation – Category 2
Skin Sens. 1: Skin Sensitization – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Asp. Tox. 1: Aspiration hazard – Category 1
Aquatic Acute 1: Hazardous to water - Acutely hazardous to water - Category 1
Aquatic Chronic 1: Hazardous to water - long-term hazardous to water - Category 1
Aquatic Chronic 2: Hazardous to water - long-term hazardous to water - Category 2

Sources
The classification corresponds to the current EC lists, but is supplemented with data from specialist publications and data from the company.

Hint

This information relates only to the specified product and may not be valid for that material in combination with any other materials or in other applications. The information is accurate and reliable to the best of our knowledge and belief at the specified time. However, no warranty or guarantee is given as to its accuracy, reliability, or completeness. It is the responsibility of the user to satisfy himself as to the suitability of this information for his particular application.