

**RUBBER PROTECTION**

Creation date 27th February 2025

Revision date

Version

4.0

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

RUBBER PROTECTION

Substance / mixture

mixture

Number

R 50110

UFI

8TXN-9E0F-GF03-6AMT

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Mixture's intended use**

Rubber protection spray. For professional use only.

**Mixture uses advised against**

The product should not be used in ways other than those referred in Section 1.

**1.3. Details of the supplier of the safety data sheet****Supplier**

Name or trade name

RETECH, s.r.o.

Address

Vackova 1541/4, Praha 5 - Stodůlky, 155 00

Czech Republic

Identification number (CRN)

25018205

VAT Reg No

CZ25018205

Phone

+420327596428

E-mail

info@retech.cz

Web address

www.retech.com

**Competent person responsible for the safety data sheet**

Name

RETECH, s.r.o.

E-mail

info@retech.cz

**1.4. Emergency telephone number**

European emergency number: 112

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Aerosol 1, H222, H229

Asp. Tox. 1, H304

Skin Irrit. 2, H315

STOT SE 3, H336

Aquatic Chronic 2, H411

**Most serious adverse physico-chemical effects**

Pressurised container: May burst if heated. Extremely flammable aerosol.

**Most serious adverse effects on human health and the environment**

May cause drowsiness or dizziness. Causes skin irritation. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

**2.2. Label elements****Hazard pictogram****Signal word**

Danger

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according to Regulation (EC) No 1907/2006 (REACH) as amended

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### Hazardous substances

Naphtha (petroleum), hydrotreated light (EC: 921-024-6)

ethyl acetate

cyclohexane

Solvent naphtha (petroleum), light arom.

### Hazard statements

H222

Extremely flammable aerosol.

H229

Pressurised container: May burst if heated.

H315

Causes skin irritation.

H336

May cause drowsiness or dizziness.

H411

Toxic to aquatic life with long lasting effects.

### Precautionary statements

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211

Do not spray on an open flame or other ignition source.

P251

Do not pierce or burn, even after use.

P302+P352

IF ON SKIN: Wash with plenty of water.

P403+P233

Store in a well-ventilated place. Keep container tightly closed.

P410+P412

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501

Dispose of contents/container to according to applicable regulations.

### Supplemental information

Density

 0.839 g/cm<sup>3</sup> at 20 °C (DIN 51757)

VOC

75,85 %

Dry matter

24,1 % volume

VOC limit value

cat. B (e) : 840 g/l

Max. VOC content in the product in its ready to use condition

636,9 g/l

### 2.3. Other hazards

Buildup of explosive mixtures possible without sufficient ventilation.

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended. Does not contain any PMT or vPvM components.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 603-019-00-8 CAS: 115-10-6 EC: 204-065-8	dimethyl ether	25-<50	Flam. Gas 1A, H220 Press. Gas (compressed gas), H280	1, 2
EC: 921-024-6 Registration number: 01-2119475514-35	Naphtha (petroleum), hydrotreated light (EC: 921-024-6)	10-<25	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	

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Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
EC: 927-510-4 Registration number: 01-2119475515-33	Naphtha (petroleum), hydrotreated light (EC: 927-510-4)	5-<10	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Chronic 2, H411	
CAS: 141-78-6 EC: 205-500-4 Registration number: 01-2119475103-46	ethyl acetate	5-<10	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	2
EC: 920-750-0 Registration number: 01-2119473851-33-0001	Naphtha (petroleum), hydrotreated light (EC: 920-750-0)	3-<5	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411 EUH066	
Index: 601-017-00-1 CAS: 110-82-7 EC: 203-806-2 Registration number: 01-2119463273-41	cyclohexane	3-<5	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Skin Irrit. 2, H315 STOT SE 3, H336 Aquatic Acute 1, H400 Aquatic Chronic 1, H410	2, 3
CAS: 78-93-3 EC: 201-159-0 Registration number: 01-2119457290-43	butanone	3-<5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 EUH066	2
EC: 918-668-5 Registration number: 01-2119455851-35	Solvent naphtha (petroleum), light arom.	1-<3	Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335, H336 Aquatic Chronic 2, H411 EUH066	

### Notes

- 1 *Note U (Table 3): When put on the market gases have to be classified as "Gases under pressure", in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:*

*Press. Gas (Comp.)*  
*Press. Gas (Liq.)*  
*Press. Gas (Ref. Liq.)*  
*Press. Gas (Diss.)*

*Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).*

- 2 *A substance for which exposure limits are set.*  
 3 *The use of the substance is restricted by Annex XVII of REACH Regulation*

Full text of all classifications and hazard statements is given in the section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Remove contaminated clothes immediately. Do not perform artificial respiration without self-protection (e.g. a mask). If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

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**If inhaled**

Terminate the exposure immediately; move the affected person to fresh air. Take care of your own safety, do not let the affected person walk! Depending on the situation, call the medical rescue service and ensure medical treatment considering the frequent need of further observation for at least 24 hours.

**If on skin**

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Provide medical treatment if skin irritation persists.

**If in eyes**

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

**If swallowed**

DO NOT INDUCE VOMITING! If the affected person vomits, make sure to prevent inhalation of the vomit (as there is a danger of lung damage after inhalation of these liquids in the airways also in infinitesimal amount). Provide medical treatment considering the frequent need of further observation for at least 24 hours. Bring an original container with the label and the Safety Data Sheet of the given substance as appropriate.

**4.2. Most important symptoms and effects, both acute and delayed****If inhaled**

May cause drowsiness or dizziness.

**If on skin**

Causes skin irritation.

**If in eyes**

not available

**If swallowed**

not available

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

not available

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, powder, water spray jet. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable extinguishing media**

not available

**5.2. Special hazards arising from the substance or mixture**

not available

**5.3. Advice for firefighters**

Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Provide sufficient ventilation. Pressurised container: May burst if heated. Extremely flammable aerosol. Remove all ignition sources. Use personal protective equipment for work. Keep unprotected persons away. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

**6.2. Environmental precautions**

Prevent contamination of the soil and entering surface or ground water. Do not allow to enter drains. Inform respective authorities in case of seepage into water course or sewage system.

**6.3. Methods and material for containment and cleaning up**

Provide sufficient ventilation. Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13.

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### 6.4. Reference to other sections

See the Section 7, 8 and 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace. Use only outdoors or in a well-ventilated area. Take precautionary measures against static discharge. Do not spray on an open flame or other ignition source. The product should be used only in the areas where it is not in contact with open fire and other ignition sources. No smoking. Pressurised container: May burst if heated. Keep away from sources of heating, ignition and direct sunlight. Do not pierce or burn, even after use.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Protect from sunlight. Keep container tightly closed. Do not expose to temperatures exceeding 50 °C.

### 7.3. Specific end use(s)

not available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

#### European Union

#### Commission Directive (EU) 2017/164

Substance name (component)	Type	Value
ethyl acetate (CAS: 141–78–6)	OEL 8 hours	734 mg/m <sup>3</sup>
	OEL 8 hours	200 ppm
	OEL 15 minutes	1468 mg/m <sup>3</sup>
	OEL 15 minutes	400 ppm

#### European Union

#### Commission Directive 2000/39/EC

Substance name (component)	Type	Value
dimethyl ether (CAS: 115–10–6)	OEL 8 hours	1920 mg/m <sup>3</sup>
	OEL 8 hours	1000 ppm
butanone (CAS: 78–93–3)	OEL 8 hours	600 mg/m <sup>3</sup>
	OEL 8 hours	200 ppm
	OEL 15 minutes	900 mg/m <sup>3</sup>
	OEL 15 minutes	300 ppm

#### European Union

#### Commission Directive 2006/15/EC

Substance name (component)	Type	Value
cyclohexane (CAS: 110–82–7)	OEL 8 hours	700 mg/m <sup>3</sup>
	OEL 8 hours	200 ppm

## DNEL

ethyl acetate			
Workers / consumers	Route of exposure	Value	Effect
Consumers	Oral	4.5 mg/kg bw/day	Chronic effects systemic
Workers	Dermal	63 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	37 mg/kg bw/day	Chronic effects systemic

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ethyl acetate			
Workers / consumers	Route of exposure	Value	Effect
Workers	Inhalation	1468 mg/m <sup>3</sup>	Acute effects local
Workers	Inhalation	734 mg/m <sup>3</sup>	Chronic effects systemic
Workers	Inhalation	734 mg/m <sup>3</sup>	Chronic effects local
Consumers	Inhalation	734 mg/m <sup>3</sup>	Acute effects systemic
Workers	Inhalation	1468 mg/m <sup>3</sup>	Acute effects systemic
Consumers	Inhalation	734 mg/m <sup>3</sup>	Acute effects local
Consumers	Inhalation	367 mg/m <sup>3</sup>	Chronic effects systemic
Consumers	Inhalation	367 mg/m <sup>3</sup>	Chronic effects local

Naphtha (petroleum), hydrotreated light (EC: 920-750-0)			
Workers / consumers	Route of exposure	Value	Effect
Consumers	Oral	699 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	699 mg/kg bw/day	Chronic effects systemic
Workers	Dermal	773 mg/kg bw/day	Chronic effects systemic
Consumers	Inhalation	608 mg/m <sup>3</sup>	Chronic effects systemic
Workers	Inhalation	2035 mg/m <sup>3</sup>	Chronic effects systemic

Naphtha (petroleum), hydrotreated light (EC: 921-024-6)			
Workers / consumers	Route of exposure	Value	Effect
Consumers	Oral	699 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	699 mg/kg bw/day	Chronic effects systemic
Workers	Dermal	773 mg/kg bw/day	Chronic effects systemic
Consumers	Inhalation	608 mg/m <sup>3</sup>	Chronic effects systemic
Workers	Inhalation	2035 mg/m <sup>3</sup>	Chronic effects systemic

Naphtha (petroleum), hydrotreated light (EC: 927-510-4)			
Workers / consumers	Route of exposure	Value	Effect
Consumers	Oral	149 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	149 mg/kg bw/day	Chronic effects systemic
Workers	Dermal	300 mg/kg bw/day	Chronic effects systemic
Consumers	Inhalation	477 mg/m <sup>3</sup>	Chronic effects systemic
Workers	Inhalation	2085 mg/m <sup>3</sup>	Chronic effects systemic

Solvent naphtha (petroleum), light arom.			
Workers / consumers	Route of exposure	Value	Effect
Consumers	Oral	11 mg/kg bw/day	Chronic effects systemic
Workers	Dermal	25 mg/kg bw/day	Chronic effects systemic
Consumers	Dermal	11 mg/kg bw/day	Chronic effects systemic
Workers	Inhalation	150 mg/m <sup>3</sup>	Chronic effects systemic
Consumers	Inhalation	32 mg/m <sup>3</sup>	Chronic effects systemic

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**PNEC**

<b>ethyl acetate</b>	
Route of exposure	Value
Freshwater environment	0.24 mg/l
Marine water	0.024 mg/l
Water (intermittent release)	1.65 mg/l
Freshwater sediment	1.15 mg/kg of dry substance of sediment
Sea sediments	0.115 mg/kg of dry substance of sediment
Soil (agricultural)	0.148 mg/kg of dry substance of soil

**8.2. Exposure controls**

Do not store together with food, drink and animal feed. Remove contaminated clothes. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest. Prevent contact with skin and eyes.

**Eye/face protection**

It is not needed.

**Skin protection**

Under regular circumstances it is not necessary. Hand protection: Protective gloves resistant to the product. Material of gloves: Nitrile rubber, NBR. Fluororubber. Recommended thickness of the material:  $\geq 0.12$  mm. Penetration time of glove material:  $> 480$  min. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer.

Other protection: protective workwear.

**Respiratory protection**

Filter AX.

**Thermal hazard**

Not available.

**Environmental exposure controls**

Observe usual measures for protection of the environment, see Section 6.2.

**SECTION 9: Physical and chemical properties**
**9.1. Information on basic physical and chemical properties**

Physical state	liquid
Colour	black
Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	-25 °C
Flammability	Extremely flammable aerosol.
Lower and upper explosion limit	
bottom	0.6 %
upper	18 %
Flash point	<-20 °C (DIN 53213)
Auto-ignition temperature	>200 °C
Decomposition temperature	data not available
pH	non-soluble (in water)
Kinematic viscosity	data not available
Solubility in water	almost insoluble
Solubility in fats	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	60 hPa at 20 °C
	>110 hPa at 50 °C

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Density and/or relative density

Density

0.839 g/cm<sup>3</sup> at 20 °C (DIN 51757)

Relative vapour density

data not available

Particle characteristics

data not available

Form

aerosol dispenser: spray aerosol

data not available

### 9.2. Other information

Evaporation rate

data not available

Appearance

spray

Explosive properties

The product does not have explosive properties but can be explosive when blended with air.

Content of organic solvents (VOC)

75.85 %

Solid content (dry matter)

24.1 % volume

VOC limit value

cat. B (e) : 840 g/l

Max. VOC content in the product in its ready to use condition

636.9 g/l

Product is not selfigniting.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not available

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

### 10.4. Conditions to avoid

not available

### 10.5. Incompatible materials

not available

### 10.6. Hazardous decomposition products

In the event of fire, carbon monoxide, carbon dioxide may arise.

## SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

#### Acute toxicity

Data for the mixture are not available. Based on the available data, the criteria for classification of the mixture are not met.

butanone					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	3300 mg/kg		Rat	
Dermal	LD <sub>50</sub>	5000 mg/kg		Rabbit	
cyclohexane					
Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	12705 mg/kg		Rat	
Inhalation	LC <sub>50</sub>	89600 mg/l		Rabbit	

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### dimethyl ether

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Inhalation	LC <sub>50</sub>	164 mg/l	4 hours	Rat	

### ethyl acetate

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	>2000 mg/kg		Rabbit	
Dermal	LD <sub>50</sub>	>20000 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	30 mg/l	4 hours	Rat	
Inhalation	LC <sub>50</sub>	230 mg/l	96 hours		

### Naphtha (petroleum), hydrotreated light (EC: 920-750-0)

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	>5000 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>2800 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	>23.3 mg/l	4 hours	Rat	

### Naphtha (petroleum), hydrotreated light (EC: 921-024-6)

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	>5840 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>2920 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	>25.2 mg/l	4 hours	Rat	

### Naphtha (petroleum), hydrotreated light (EC: 927-510-4)

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	>5840 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>2920 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	>23.3 mg/l	4 hours	Rat	

### Solvent naphtha (petroleum), light arom.

Route of exposure	Parameter	Value	Exposure time	Species	Sex
Oral	LD <sub>50</sub>	3492 mg/kg		Rat	
Dermal	LD <sub>50</sub>	>3160 mg/kg		Rabbit	
Inhalation	LC <sub>50</sub>	>6193 mg/l	4 hours	Rat	

### Skin corrosion/irritation

Causes skin irritation. Data for the components of the mixture are not available.

### Serious eye damage/irritation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Respiratory or skin sensitisation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

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### Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Toxicity for specific target organ - single exposure

May cause drowsiness or dizziness. Data for the components of the mixture are not available.

### Toxicity for specific target organ - repeated exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Aspiration hazard

May be fatal if swallowed and enters airways. Data for the components of the mixture are not available.

## 11.2. Information on other hazards

### Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption for humans.

### Other information

not available

## SECTION 12: Ecological information

### 12.1. Toxicity

Toxic to aquatic life with long lasting effects.

#### Acute toxicity

ethyl acetate				
Parameter	Value	Exposure time	Species	Environment
EC <sub>50</sub>	5600 mg/l	48 hours	Algae	
EC <sub>50</sub>	610 mg/l	48 hours	Daphnia (Daphnia magna)	

Naphtha (petroleum), hydrotreated light (EC: 920-750-0)				
Parameter	Value	Exposure time	Species	Environment
EL <sub>50</sub>	10-30 mg/l	72 hours	Algae (Selenastrum capricornutum)	
EL <sub>50</sub>	3 mg/l	48 hours	Invertebrates (Daphnia magna)	
LL <sub>50</sub>	>13.4 mg/l	96 hours	Fish (Oncorhynchus mykiss)	

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Naphtha (petroleum), hydrotreated light (EC: 921-024-6)				
Parameter	Value	Exposure time	Species	Environment
EL <sub>50</sub>	30-100 mg/l	72 hours	Algae (Selenastrum capricornutum)	
EL <sub>50</sub>	3 mg/l	48 hours	Invertebrates (Daphnia magna)	
LL <sub>50</sub>	11.4 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
EC <sub>50</sub>	10 mg/l	48 hours	Algae (Phaeophyta)	

Naphtha (petroleum), hydrotreated light (EC: 927-510-4)				
Parameter	Value	Exposure time	Species	Environment
EL <sub>50</sub>	10-30 mg/l	72 hours	Algae (Selenastrum capricornutum)	
EL <sub>50</sub>	3 mg/l	48 hours	Invertebrates (Daphnia magna)	
LL <sub>50</sub>	>13.4 mg/l	96 hours	Fish (Oncorhynchus mykiss)	

Solvent naphtha (petroleum), light arom.				
Parameter	Value	Exposure time	Species	Environment
LL <sub>50</sub>	9.2 mg/l	96 hours	Fish (Oncorhynchus mykiss)	
EL	3.2 mg/l	48 hours	Invertebrates (Daphnia magna)	

### 12.2. Persistence and degradability

No data are available for either the mixture or the components.

### 12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

### 12.4. Mobility in soil

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PMT or vPvM components.

### 12.5. Results of PBT and vPvB assessment

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any PBT or vPvB components.

### 12.6. Endocrine disrupting properties

Based on the available data, the criteria for classification of the mixture are not met. Does not contain any components that may cause endocrine disruption in the environment.

### 12.7. Other adverse effects

Water hazard class 2 (German Regulation; Self-assessment): hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Dispose unused product as hazardous waste.

HP3 "Flammable".

HP 4 'Irritant — skin irritation and eye damage'.

HP 14 'Ecotoxic'.

### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

### Waste type code

08 01 11\* waste paint and varnish containing organic solvents or other hazardous substances

### Packaging waste type code

15 01 11\* metallic packaging containing a hazardous solid porous matrix (for example asbestos), including empty pressure containers

(\*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## SECTION 14: Transport information

### 14.1. UN number or ID number

UN 1950

### 14.2. UN proper shipping name

AEROSOLS

### 14.3. Transport hazard class(es)

2 Gases

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS.

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

### 14.7. Maritime transport in bulk according to IMO instruments

not relevant

### Additional information

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.

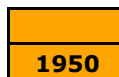
Segregation Code: SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.

Hazard identification No.

UN number

Classification code

Safety signs



5F

2.1+dangerous for the environment



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### Road transport - ADR

Limited quantities	1 L
Excepted quantities	E0
Transport category	2
Tunnel restriction code	(D)

### Railway transport - RID

Excepted quantities	E0
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### Marine transport - IMDG

EmS (emergency plan)	F-D, S-U
Marine pollutant	Yes

## SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

cyclohexane

Restriction	Conditions of restriction
57	<p>1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of neoprene-based contact adhesives in concentrations equal to or greater than 0,1 % by weight in package sizes greater than 350 g.</p> <p>2. Neoprene-based contact adhesives containing cyclohexane and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010.</p> <p>3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that neoprene-based contact adhesives containing cyclohexane in concentrations equal to or greater than 0,1 % by weight that are placed on the market for supply to the general public after 27 December 2010 are visibly, legibly and indelibly marked as follows:</p> <p>— This product is not to be used under conditions of poor ventilation.            — This product is not to be used for carpet laying.”.</p>

### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

#### More information

Directive 2012/18/EU of the European parliament and of the Council - ANNEX I - Hazard categories: P3a FLAMMABLE AEROSOLS. E2 Hazardous to the Aquatic Environment in Category Chronic 2.

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

EUH066	Repeated exposure may cause skin dryness or cracking.
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.

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H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

### Guidelines for safe handling used in the safety data sheet

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P302+P352	IF ON SKIN: Wash with plenty of water.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	Dispose of contents/container to according to applicable regulations.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
Aerosol	Aerosol
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Asp. Tox.	Aspiration hazard
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EC <sub>50</sub>	Concentration of a substance when it is affected 50 % of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EL <sub>50</sub>	Effective Loading for 50 % of the tested organisms
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
Eye Irrit.	Eye irritation
Flam. Gas	Flammable gas
Flam. Liq.	Flammable liquid
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry

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LC <sub>50</sub>	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD <sub>50</sub>	Lethal dose of a substance in which it can be expected death of 50% of the population
LL <sub>50</sub>	Lethal Loading for 50 % of tested organisms
log K <sub>ow</sub>	Octanol-water partition coefficient
OEL	Occupational Exposure Limits
PBT	Persistent, bioaccumulative and toxic
PMT	Persistent, mobile and toxic
ppm	Parts per million
Press. Gas	Gases under pressure
Press. Gas (Comp.)	Gas under pressure: compressed gas
Press. Gas (Diss.)	Gas under pressure: dissolved gas
Press. Gas (Liq.)	Gas under pressure: liquefied gas
Press. Gas (Ref. Liq.)	Gas under pressure: refrigerated liquefied gas
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very persistent and very bioaccumulative
vPvM	Very persistent and very mobile

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### The changes (which information has been added, deleted or modified)

The version 4.0 replaces the SDS version from Tuesday, 13 June 2023. Changes were made in sections 1, 2, 3, 8, 9, 11, 12, 13 and 16.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.