

Article number 170222

HAUPA GmbH &amp; Co. KG

42853 Remscheid

Date printed 18.06.2021, Revision 15.07.2020

Version 08. Supersedes version: 07

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****HUPepoxyd Part B****Article number: 170222****1.2 Relevant identified uses of the substance or mixture and uses advised against****1.2.1 Relevant uses**

Adhesive

**1.2.2 Uses advised against**

None known.

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

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 Königstr. 165-169  
 42853 Remscheid  
 Phone +49 2191 84180  
 Fax +49 2191 8418 840  
 Homepage www.haupa.com  
 E-mail sales@haupa.com

**Address enquiries to**

**Technical information** sales@haupa.com  
**Safety Data Sheet** sdb@chemiebuero.de

**1.4 Emergency telephone number**

**Advisory body** 08919240  
**Company** Giftnotruf München

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]**

Skin Sens. 1B: H317 May cause an allergic skin reaction.  
 Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

**Hazard pictograms****Signal word**

WARNING

**Contains:**

3-Trimethoxysilylpropane-1-thiol  
 Poly[oxy(methyl-1,2-ethanediyl)],.alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether

**Hazard statements**

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

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
 P102 Keep out of reach of children.  
 P280 Wear protective gloves / protective clothing / eye protection / face protection.  
 P333+P313 If skin irritation or rash occurs: Get medical advice / attention.  
 P501 Dispose of contents/container in accordance with local/national regulation.

**UFI:**

-

**2.3 Other hazards**

**Environmental hazards** Does not contain any PBT or vPvB substances.

**Other hazards** none

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**SECTION 3: Composition / Information on ingredients****Product-type:**

3.2 The product is a mixture.

Range [%]	Substance
80 - 100	Poly[oxy(methyl-1,2-ethanediyl)],.alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether CAS: 72244-98-5, EINECS/ELINCS: 615-735-8 GHS/CLP: Skin Sens. 1B: H317 - Aquatic Chronic 3: H412
1 - < 2,5	3-Trimethoxysilylpropane-1-thiol CAS: 4420-74-0, EINECS/ELINCS: 224-588-5 GHS/CLP: Acute Tox. 4: H302 - Skin Sens. 1B: H317 - Aquatic Chronic 2: H411

**Comment on component parts**

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.  
For full text of H-statements: see SECTION 16.

**SECTION 4: First aid measures****4.1 Description of first aid measures****General information**

Change soaked clothing.

**Inhalation**

Ensure supply of fresh air.  
In the event of symptoms seek medical treatment.

**Skin contact**

In case of contact with skin wash off immediately with soap and water.  
Consult a doctor if skin irritation persists.

**Eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Shield unaffected eye.

**Ingestion**

Consult a doctor immediately.  
Do not induce vomiting.  
Rinse out mouth and give plenty of water to drink.

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

No information available.

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

Treat symptomatically.  
Forward this sheet to the doctor.

**SECTION 5: Fire-fighting measures****5.1 Extinguishing media****Suitable extinguishing media**

Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.

**Extinguishing media that must not be used**

Full water jet

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

Risk of formation of toxic pyrolysis products.

**5.3 Advice for firefighters**

Do not inhale explosion and/or combustion gases.  
Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

## SECTION 6: Accidental release measures

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

Ensure adequate ventilation.

### 6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).  
Do not discharge into the drains/surface waters/groundwater.

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

Take up with absorbent material (e.g. general-purpose binder).  
Dispose of absorbed material in accordance within the regulations.

### 6.4 Reference to other sections

See SECTION 8+13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

No special measures necessary if used correctly.

Do not eat, drink or smoke when using this product.  
Wash hands before breaks and after work.  
Use barrier skin cream.  
Take off contaminated clothing and wash before reuse.  
Contaminated work clothing should not be allowed out of the workplace.

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

Keep only in original container.  
Do not store together with food.  
Do not store together with oxidizing agents.  
Do not store together with acids.  
Keep container in a well-ventilated place.  
Keep container tightly closed.  
Keep in a cool place.

### 7.3 Specific end use(s)

See product use, SECTION 1.2

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**SECTION 8: Exposure controls / personal protection****8.1 Control parameters****Ingredients with occupational exposure limits to be monitored (GB)**

not applicable

**DNEL**

Substance
Poly[oxy(methyl-1,2-ethanediyl)],.alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether, CAS: 72244-98-5
Industrial, dermal, Long-term - systemic effects: 2.7 mg/kg bw/d (AF=90).
Industrial, inhalative, Long-term - systemic effects: 22 mg/m <sup>3</sup> (AF=6).
general population, oral, Long-term - systemic effects: 1.9 mg/kg bw/d (AF=40).
general population, inhalative, Long-term - systemic effects: 6.52 mg/m <sup>3</sup> (AF=10).
general population, dermal, Long-term - systemic effects: 1.61 mg/kg bw/d (AF=150).

**PNEC**

Substance
Poly[oxy(methyl-1,2-ethanediyl)],.alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether, CAS: 72244-98-5
soil, 23 µg/kg dw.
sediment (seawater), 32 µg/kg dw.
sediment (freshwater), 322 µg/kg dw.
sewage treatment plants (STP), 10 mg/l (AF=100).
seawater, 7µg/l (AF=500).
freshwater, 70µg/l (AF=50).

**8.2 Exposure controls**

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation.
<b>Eye protection</b>	Safety glasses. (EN 166:2001)
<b>Hand protection</b>	The details concerned are recommendations. Please contact the glove supplier for further information. In full contact: > 0,7 mm/ Butyl rubber, >480 min (EN 374-1/-2/-3). In splash contact: > 0,7 mm/ butyl rubber, > 120 min (EN 374)
<b>Skin protection</b>	not applicable
<b>Other</b>	Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
<b>Respiratory protection</b>	Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, combination filter A-P1. (DIN EN 14387)
<b>Thermal hazards</b>	not applicable
<b>Delimitation and monitoring of the environmental exposition</b>	See SECTION 6+7.

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

viscous  
 light yellow  
 characteristic  
 No information available.  
 not applicable  
 not applicable  
 No information available.  
 not applicable  
 No information available.  
 No information available.  
 No information available.  
 no  
 No information available.  
 1,0 - 1,2  
 not applicable  
 virtually insoluble  
 No information available.  
 See product information  
 No information available.  
 No information available.  
 No information available.  
 No information available.  
 No information available.  
 > 150

**Density at [°C]****9.2**

No information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity**

See SECTION 10.3.

**10.2 Chemical stability**

Stable under normal ambient conditions (ambient temperature).

**10.3 Possibility of hazardous reactions**

Reactions with amines.  
 Reactions with acids and strong oxidizing agents.  
 Reactions with alkalies (lyes).

**10.4 Conditions to avoid**

See SECTION 7.2.  
 Strong heating.

**10.5 Incompatible materials**

See SECTION 10.3.

**10.6 Hazardous decomposition products**

No hazardous decomposition products known.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity**

Product
inhalative, Based on the available information, the classification criteria are not fulfilled.:
dermal, Based on the available information, the classification criteria are not fulfilled.:
oral, Based on the available information, the classification criteria are not fulfilled.:
Substance
Poly[oxy(methyl-1,2-ethanediyl)],..alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether, CAS: 72244-98-5
LD50, dermal, Rabbit: > 10 200 mg/kg bw.
LD50, oral, Rat: 2600 mg/kg bw.
LC50, inhalative, Rat: > 0.1 mg/l.
3-Trimethoxysilylpropane-1-thiol, CAS: 4420-74-0
LD50, dermal, Rat (female): 2247 mg/kg.
LD50, dermal, Rat (male): 2583 mg/kg.
LD50, oral, Rat (male): 850 mg/kg.
LD50, oral, Rat (female): 1701 mg/kg.

<b>Serious eye damage/irritation</b>	Toxicological data of complete product are not available. No classification. Calculation method
<b>Skin corrosion/irritation</b>	Toxicological data of complete product are not available. No classification. Calculation method
<b>Respiratory or skin sensitisation</b>	Toxicological data of complete product are not available. May cause an allergic skin reaction. Calculation method
<b>Specific target organ toxicity — single exposure</b>	Toxicological data of complete product are not available. No classification. Calculation method
<b>Specific target organ toxicity — repeated exposure</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Mutagenicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Reproduction toxicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Carcinogenicity</b>	Based on the available information, the classification criteria are not fulfilled.
<b>Aspiration hazard</b>	Based on the available information, the classification criteria are not fulfilled.
<b>General remarks</b>	Toxicological data of complete product are not available. The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists.

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**SECTION 12: Ecological information****12.1 Toxicity**

Substance
Poly[oxy(methyl-1,2-ethanediyl)],.alpha.-hydro-.omega.-hydroxy-, ether with 2,2-bis(hydroxymethyl)-1,3-propanediol (4:1), 2-hydroxy-3-mercaptopropyl ether, CAS: 72244-98-5
LC50, (96h), Danio rerio: 87 mg/l.
EC50, (21d), Daphnia magna: 3,5 mg/l.
EC50, (48h), Daphnia magna: 12 mg/l.
ErC50, (72h), Desmodesmus subspicatus: > 733 mg/l.
3-Trimethoxysilylpropane-1-thiol, CAS: 4420-74-0
LC50, (96h), Lepomis macrochirus: 12,3 mg/l.
EC50, (48h), Daphnia magna: 6,7 mg/l.
NOEC, Algae: 40 mg/l.

**12.2 Persistence and degradability**

<b>Behaviour in environment compartments</b>	not determined
<b>Behaviour in sewage plant</b>	not determined
<b>Biological degradability</b>	The product is biodegradable.

**12.3 Bioaccumulative potential**

Product has having no bioaccumulation potential.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required or not conducted.

**12.6 Other adverse effects**

Ecotoxicological data are not available.

No classification on the basis of the calculation procedure of the preparation directive.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

**Product**

Dispose of as hazardous waste.

**Waste no. (recommended)**

080409\*

**Contaminated packaging**

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of as for product.

**Waste no. (recommended)**

150110\*

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**SECTION 14: Transport information****14.1 UN number**

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

**14.2 UN proper shipping name**

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

**14.3 Transport hazard class(es)**

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

**14.4 Packing group**

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable



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**14.5 Environmental hazards**

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

**14.6 Special precautions for user**

Relevant information under SECTION 6 to 8.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

No information available.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>EEC-REGULATIONS</b>	2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014
<b>TRANSPORT-REGULATIONS</b>	ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)
<b>NATIONAL REGULATIONS (GB):</b>	EH40/2005 Workplace exposure limits (Second edition, published December 2011).
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	not applicable

**15.2 Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****16.1 Hazard statements (SECTION 03)**

H412 Harmful to aquatic life with long lasting effects.  
 H411 Toxic to aquatic life with long lasting effects.  
 H317 May cause an allergic skin reaction.  
 H302 Harmful if swallowed.

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**16.2 Abbreviations and acronyms:**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route  
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses  
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure  
 ATE = acute toxicity estimate  
 CAS = Chemical Abstracts Service  
 CLP = Classification, Labelling and Packaging  
 DMEL = Derived Minimum Effect Level  
 DNEL = Derived No Effect Level  
 EC50 = Median effective concentration  
 ECB = European Chemicals Bureau  
 EEC = European Economic Community  
 EINECS = European Inventory of Existing Commercial Chemical Substances  
 EL50 = Median effective loading  
 ELINCS = European List of Notified Chemical Substances  
 EmS = Emergency Schedules  
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
 IATA = International Air Transport Association  
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk  
 IC50 = Inhibition concentration, 50%  
 IMDG = International Maritime Code for Dangerous Goods  
 IUCLID = International Uniform Chemical Information Database  
 LC50 = Lethal concentration, 50%  
 LD50 = Median lethal dose  
 LC0 = lethal concentration, 0%  
 LOAEL = lowest-observed-adverse-effect level  
 LL50 = Median lethal loading  
 LQ = Limited Quantities  
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships  
 NOAEL = No Observed Adverse Effect Level  
 NOEC = No Observed Effect Concentration  
 PBT = Persistent, Bioaccumulative and Toxic substance  
 PNEC = Predicted No-Effect Concentration  
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals  
 STP = Sewage Treatment Plant  
 TLV@/TWA = Threshold limit value – time-weighted average  
 TLV@STEL = Threshold limit value – short-time exposure limit  
 VOC = Volatile Organic Compounds  
 vPvB = very Persistent and very Bioaccumulative

**16.3 Other information****Customs Tariff**

not determined

**Classification procedure**

Skin Sens. 1B: H317 May cause an allergic skin reaction. (Calculation method)  
 Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

**Modified position**

SECTION 2 been added: Skin Sens. 1B

SECTION 2 deleted: Skin Sens. 1

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