

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**Sealant**

Product code:

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**1. Identification****Product identifier**

Sealant

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

Adhesives, sealants

**Uses advised against**

Any non-intended use.

**2. Hazard(s) identification****Classification of the chemical**

29 CFR Part 1910.1200

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

**Label elements****Hazards not otherwise classified**

No risks worthy of mention. Please observe the information on the safety data sheet at all times.

**3. Composition/information on ingredients****Mixtures****Chemical characterization**

The product does not contain dangerous substances to be mentioned in Chapter 3.

**4. First aid measures****Description of first aid measures****General information**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**After inhalation**

In case of accident by inhalation: remove casualty to fresh air and keep at rest. In case of respiratory tract irritation, consult a physician.

**After contact with skin**

Gently wash with plenty of soap and water. In case of skin irritation, seek medical treatment.

**After contact with eyes**

Rinse cautiously with water for several minutes. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

Rinse mouth thoroughly with water. Let water be drunken in little sips ( dilution effect). Do NOT induce vomiting. In all cases of doubt, or when symptoms persist, seek medical advice.

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

No information available.

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

Treat symptomatically.

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**Carbon dioxide (CO<sub>2</sub>) Dry extinguishing powder. alcohol resistant foam. Atomized water.**Unsuitable extinguishing media**

High power water jet.

**Specific hazards arising from the chemical**Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).**Special protective equipment and precautions for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Co-ordinate fire-fighting measures to the fire surroundings.

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

See protective measures under point 7 and 8.

**Environmental precautions**

Discharge into the environment must be avoided.

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

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

Clean contaminated objects and areas thoroughly observing environmental regulations.

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**7. Handling and storage****Precautions for safe handling****Advice on safe handling**

Wear suitable protective clothing. (See section 8.)

**Advice on protection against fire and explosion**

Usual measures for fire prevention.

**Further information on handling**

General protection and hygiene measures: refer to chapter 8

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place.

**Hints on joint storage**

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances. Food and animal feedingstuff.

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#### Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity.

Recommended storage temperature: 20°C

Protect against: Light. UV-radiation/sunlight. heat. moisture.

## 8. Exposure controls/personal protection

### Control parameters

#### Additional advice on limit values

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

### Exposure controls

#### Appropriate engineering controls

No special measures are necessary.

#### Protective and hygiene measures

Always close containers tightly after the removal of product. When using do not eat, drink, smoke, sniff. Wash hands before breaks and after work.

#### Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible). Standards: EN 166 or 29 CFR 1910.133

#### Hand protection

In case of prolonged or frequently repeated skin contact:

Wear suitable gloves.

Suitable material:

FKM (fluororubber). - Thickness of the glove material 0,4 mm

Breakthrough time  $\geq$  8 h

Butyl rubber. - Thickness of the glove material 0,5 mm

Breakthrough time  $\geq$  8 h

CR (polychloroprenes, Chloroprene rubber). - Thickness of the glove material 0,5 mm

Breakthrough time  $\geq$  8 h

NBR (Nitrile rubber). - Thickness of the glove material 0,35 mm

Breakthrough time  $\geq$  8 h

PVC (Polyvinyl chloride). - Thickness of the glove material 0,5 mm

Breakthrough time  $\geq$  8 h

The selected protective gloves should satisfy the specifications of standards like EN 374.

Before using check leak tightness / impermeability. In the case of wanting to use the gloves again, clean them before taking off and air them well.

#### Skin protection

Suitable protective clothing: Lab apron.

#### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

#### Environmental exposure controls

No special precautionary measures are necessary.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	liquid	
Color:	not determined	
Odor:	characteristic	
pH-Value:		not determined

#### Changes in the physical state

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Melting point/freezing point:	not determined
Initial boiling point and boiling range:	not determined
Sublimation point:	not determined
Softening point:	not determined
Pour point:	not determined
Flash point:	not determined
Sustaining combustion:	Not sustaining combustion
<b>Explosive properties</b>	
none	
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not determined
<b>Auto-ignition temperature</b>	
Gas:	not determined
Decomposition temperature:	not determined
<b>Oxidizing properties</b>	
none	
Vapor pressure:	not determined
Density:	not determined
Water solubility:	not determined
<b>Solubility in other solvents</b>	
not determined	
Partition coefficient:	not determined
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Flow time:	not determined
Vapor density:	not determined
Evaporation rate:	not determined
Solvent separation test:	not determined
Solvent content:	Water content (%) > 93% VOC: < 7%

#### Other information

Solid content: not determined  
Product does not contain any petroleum or silicone.

### 10. Stability and reactivity

#### Reactivity

No information available.

#### Chemical stability

Stability: Stable

The product is chemically stable under recommended conditions of storage, use and temperature.

#### Possibility of hazardous reactions

Hazardous reactions: Will not occur

Refer to chapter 10.5.

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#### Conditions to avoid

Protect against: UV-radiation/sunlight. heat.

#### Incompatible materials

Materials to avoid: Oxidising agent, strong Reducing agents, strong.

#### Hazardous decomposition products

Can be released in case of fire: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>).

### 11. Toxicological information

#### Information on toxicological effects

##### **Route(s) of Entry**

Ingestion: May be harmful if swallowed. Inhalation: May be harmful if inhaled. Skin contact: May cause irritation. Eye contact: May cause irritation.

##### **Toxicokinetics, metabolism and distribution**

No data available.

##### **Acute toxicity**

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

##### **Irritation and corrosivity**

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

##### **Sensitizing effects**

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

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

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

##### **Specific target organ toxicity (STOT) - single exposure**

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

##### **Specific target organ toxicity (STOT) - repeated exposure**

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

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

##### **Aspiration hazard**

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

##### **Specific effects in experiment on an animal**

No data available.

### 12. Ecological information

#### Ecotoxicity

The product has not been tested.

#### Persistence and degradability

The product has not been tested.

#### Bioaccumulative potential

No indication of bioaccumulation potential.

#### Mobility in soil

No data available.

#### Other adverse effects

No data available.

#### Further information

Do not allow to enter into surface water or drains.

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## 13. Disposal considerations

### Waste treatment methods

#### **Advice on disposal**

Observe in addition any national regulations! Consult the local waste disposal expert about waste disposal.  
Non-contaminated packages may be recycled.

#### **Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

## 14. Transport information

### **US DOT 49 CFR 172.101**

#### Proper shipping name:

Not a hazardous material with respect to these transport regulations. &&  
Not controlled under DOT

### **Marine transport (IMDG)**

#### UN number:

No dangerous good in sense of this transport regulation.

#### UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### Packing group:

No dangerous good in sense of this transport regulation.

### **Air transport (ICAO-TI/IATA-DGR)**

#### UN number:

No dangerous good in sense of this transport regulation.

#### UN proper shipping name:

No dangerous good in sense of this transport regulation.

#### Transport hazard class(es):

No dangerous good in sense of this transport regulation.

#### Packing group:

No dangerous good in sense of this transport regulation.

### **Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

### **Special precautions for user**

refer to chapter 6-8

### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

not relevant

## 15. Regulatory information

### **U.S. Regulations**

#### **National Inventory TSCA**

All known hazardous substances (<0,1%) in this product are listed in the TSCA inventory  
1,2-benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one listed under TSCA 12(b)

### **State Regulations**

#### **Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)**

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

#### **Additional information**

This mixture is classified as not hazardous according to Regulation 29 CFR Part 1910.1200.

## 16. Other information

### **Hazardous Materials Information Label (HMIS)**

Health: 0  
Flammability: 0

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Physical Hazard: 0

Personal Protection: -

#### NFPA Hazard Ratings

Health: 0

Flammability: 0

Reactivity: 0

Unique Hazard:



#### Changes

Revision No: 1,1

Rev. 1.0; Initial release: 29.08.2017

Rev. 1.1: Changes in chapter: 9

#### Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists

ASTM: American Society for Testing and Materials.

CAS Chemical Abstracts Service

CFR: Code of Federal Regulations

DNEL: Derived No Effect Level

DOT: Department of Transportation

EPA: Environmental Protection Agency

HMIS: Hazardous Materials Identification System

IARC: INTERNATIONAL AGENCY FOR RESEARCH ON CANCER

IBC: Intermediate Bulk Container

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

LOAEL: Lowest observed adverse effect level

LOAEC: Lowest observed adverse effect concentration

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

MARPOL: marine pollution

NOAEL: No observed adverse effect level

NOAEC: No observed adverse effect level

NTP: National Toxicology Program

N/A: not applicable

NFPA: National Fire Protection Association

UN: United Nations

OSHA: Occupational Safety and Health Administration

PNEC: predicted no effect concentration

PBT: Persistent bioaccumulative toxic

SARA: Superfund Amendments and Reauthorization Act

SVHC: substance of very high concern

STEL: short-term exposure limits

TSCA: Toxic Substances Control Act

TWA: time weighted average

VOC: Volatile Organic Compounds

#### Other data

Classification according 29 CFR Part 1910.1200: - Classification procedure:

Health hazards: Calculation method.

Environmental hazards: Calculation method.

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Physical hazards: On basis of test data, and / or calculated and / or estimated.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*