

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: EVT REINRAUM HPCR, Silicone Sealant

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: EVT Dichtstoffe GmbH
Kornwestheimer Straße 230
D - 70825 Korntal-Münchingen
Deutschland
Tel: +49 7150 97406 0
Fax: +49 7150 97406 96
Email: info@evt-dichtstoffe.de

1.4. Emergency telephone number

Emergency tel: 0049-7150-974060
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: -: EUH208; -: EUH210

Most important adverse effects: Contains n-(3-(trimethoxysilyl)propyl)ethylendiamin, 2-butanonoxim. May produce an allergic reaction. Safety data sheet available on request.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains n-(3-(trimethoxysilyl)propyl)ethylendiamin, 2-butanonoxim. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

Precautionary statements: * P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P271: Use only outdoors or in a well-ventilated area.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

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Section 3: Composition/information on ingredients

3.2. Mixtures

* Hazardous ingredients:

METHYLTRIS(2-BUTANONOXIM)SILAN - REACH registered number(s): 01-2119987100-43-0000

EINECS	CAS	PBT / WEL	CLP Classification	Percent
245-366-4	22984-54-9	-	Eye Irrit. 2: H319; Skin Sens. 1: H317; STOT RE 2: H373	1-5%

BUTAN-2-ON-O,O',O''-(VINYLILYLIDYN)TRIOXIM - REACH registered number(s): 01-2119982966-14-0000

218-747-8	2224-33-1	-	Eye Dam. 1: H318; STOT RE 2: H373; Skin Sens. 1: H317	0.1-1%
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N-(3-(TRIMETHOXYSILYL)PROPYL)ETHYLENDIAMIN

217-164-6	1760-24-3	-	Acute Tox. 4: H332; Eye Dam. 1: H318; Skin Sens. 1: H317; Resp. Sens. 1: H334	0.1-1%
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2-BUTANONOXIM (D)

-	96-29-7	-	Carc. 2: H351; Eye Dam. 1: H318; Acute Tox. 4: H312; Skin Sens. 1: H317	0.1-1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. In case of persisting irritation call in a physician. Where possible show the physician container or label.

Eye contact: After separating the eyelids immediately flush eyes thoroughly with plenty of water. In case eye irritation persists, consult an oculist.

Ingestion: Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Inhalation: Product releases 2-butanonime during curing. 2-butanonoxim might affect the mucous membrane of the nose by long time exposure. If inhaled in high concentration over long periods, irreversible health defects may occur.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

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

Immediate / special treatment: Treat symptomatically.

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Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Carbon dioxide. Dry chemical powder. Water spray. Alcohol or polymer foam. Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Closed containers near to the fire should be cooled with water (spray). Container may burst upon heating.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Good ventilation necessary.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Refer to section 13 of SDS for suitable method of disposal. Allow curing, the product can be disposed (category: commercial waste, municipal waste)

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Do not eat, drink or smoke during application.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Avoid contact with water or humidity. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: * Use protective mask with gas filter (type ABEK / EN 14387) if ventilation is not sufficient.

Hand protection: Butyl gloves. Nitrile gloves. PVC gloves. Breakthrough time of the glove material > 1 hour.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Various

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: No data available.

Viscosity: Highly viscous

Kinematic viscosity: > 40

Viscosity test method: Kinematic viscosity in 10-6 m²/s at 40°C (ISO 3219)

Boiling point/range°C: >35

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: >93

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: ca. 1,2

pH: No data available.

VOC g/l: < 30

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

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10.4. Conditions to avoid

Conditions to avoid: Humidity. Heat. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Water. Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides. Silica.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

METHYLTRIS(2-BUTANONOXIM)SILAN

DERMAL	RAT	LD50	> 2000	mg/kg
ORAL	RAT	LD50	2463	mg/kg

BUTAN-2-ON-O,O',O''-(VINYLILYDYN)TRIOXIM

DERMAL	RAT	LD50	> 2000	mg/kg
ORAL	RAT	LD50	> 2000	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Inhalation: Product releases 2-butanonime during curing. 2-butanonoxim might affect the mocus membrane of the nose by long time exposure. If inhaled in high concentration over long periods, irreversible health defects may occur.

Delayed / immediate effects: Delayed effects can be expected after long-term exposure.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

METHYLTRIS(2-BUTANONOXIM)SILAN

ALGAE	72H ErC50	18,5	mg/l
Daphnia magna	48H EC50	232	mg/l
FISCH	96H LC50	972	mg/l

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BUTAN-2-ON-O,O',O''-(VINYLILYDYN)TRIOXIM

ALGAE	72H ErC50	19,2	mg/l
Daphnia magna	48H EC50	241	mg/l
FISCH	96H LC50	1011	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Non-volatile. Insoluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Allow product to cure and dispose [landfilling - category: commercial wastes or municipal wastes].

Waste code number: 08 04 09, 09 04 99

Disposal of packaging: Empty (clean) container can be disposed off (category: commercial waste, municipal waste).

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN0000

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

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Section 15: Regulatory information

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

Specific regulations: Biocidal Products Regulation (EU 528/2012): "Contains a biocide: Carbendazim."

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

H312: Harmful in contact with skin.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.