

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 07/15/2008

Reviewed on 07/15/2008

1 Identification of substance

- **Product details**
- **Trade name:** **REINZOSIL-t**
Universal Sealing Compound 200 SI
- **Article number:** 70-31453-00
- **Application of the substance / the preparation** Sealant
- **Manufacturer/Supplier:**
Reinz-Dichtungs-GmbH
Reinzstr. 3-7
D-89233 Neu-Ulm
Germany
Tel.: +49-731-7046-0
Email: sdb.qus@dana.com
- **Information department:** Department QUS: Mr. Schnitzler +011-49(0)7317046710
- **Emergency information:**
Germany: Reinz-Dichtungs-GmbH, +011-49(0)7317046710
US: Target Marketing 412.486.2627

2 Composition/Data on components

- **Chemical characterization**
- **Description:** Polydimethylsiloxan with inorganic fillers and oximosilan as linking agent.

· **Dangerous components:**

156145-64-1	Vinyloximosilan	 Xn; R 48/22-53	2.5-10%
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3 Hazards identification

- **Hazard description:** Not applicable.
- **Classification system:**
The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



4 First aid measures

- **General information:** Take affected persons out into the fresh air.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Remove from the skin using a cloth or paper. Then clean with water and soap.

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- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Rinse out mouth and then drink plenty of water.

5 Fire fighting measures

- **Suitable extinguishing agents:**
 CO₂, extinguishing powder or water spray. Fight larger fires with water spray.
 Use fire fighting measures that suit the environment.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:**



Wear protective equipment. Keep unprotected persons away.

To provide sufficient ventilation.

- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:**
 Pick up mechanically.
 Ensure adequate ventilation.
 Dispose of the collected material according to regulations.
- **Additional information:**
 By reaction with water vapour (air humidity) crack products are released. See also chapter 8

7 Handling and storage

- **Handling:**
- **Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with limit values that require monitoring at the workplace:**
 The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional Occupational Exposure Limit Values for possible hazards during processing:**
 During curing of the product by reaction with air humidity following substances are generated and released:

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CAS: 105-44-2 Methylisobutylketoxim (approx. 5 %).

This substance is classified as harmful and irritant.

No critical value have been established so far for this substance.

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 The usual precautionary measures for handling chemicals should be followed.
 Keep away from foodstuffs, beverages and feed.
 Do not inhale gases / fumes / aerosols.
 Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:** Preventive skin protection by use of skin-protecting agents is recommended.
- **Material of gloves:** Not applicable
- **Penetration time of glove material:** Not applicable
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

9 Physical and chemical properties

· General Information

Form:	Pasty
Color:	According to product specification
Odor:	Characteristic

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Not applicable

- | | |
|--|---|
| Flash point: | >150 °C (>302 °F) |
| Auto igniting: | Product is not selfigniting. |
| Danger of explosion: | Product does not present an explosion hazard. |
| Density at 20 °C (68 °F): | 1.03 g/cm ³ |
| Solubility in / Miscibility with Water: | Not miscible or difficult to mix. |

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions:** No dangerous reaction known while appropriate handling.
- **Dangerous products of decomposition:** No dangerous decomposition products known.

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11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to internally approved calculation methods for preparations:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:** The product is not biodegradable.
- **Ecotoxic effects:**
- **Acquatic toxicity:** Presently there are no ecotoxicological values available.
- **General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water

13 Disposal considerations

- **Product:**
- **Recommendation:**
The non-cured product must not be disposed of together with household garbage and must not enter the sewage system. Before disposal of open receptacles and aerate until the reaction is completed (i.e. no odour can be detected). Afterwards it can be disposed of like the cured product.
The cured product can be disposed of together with household garbage.
Must be specially treated adhering to official regulations.
- **Uncleaned packagings:**
- **Recommendation:**
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.
Dispose of packaging according to regulations on the disposal of packagings.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
No hazardous material according to the regulations
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Remarks:** No hazardous good according to the regulation.
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

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- **Remarks:** No hazardous good according to the regulation.
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -
- **Remarks:** No hazardous good according to the regulation.

15 Regulations

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

None of the ingredients is listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogeny categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **IARC (International Agency for Research on Cancer)**

None of the ingredients is listed.

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

- **Product related hazard informations:**

Observe the general safety regulations when handling chemicals.

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The product is not subject to identification regulations according to directives on hazardous materials. (Contd. of page 5)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Department: QUS (Quality-Environment-Safety)
- **Contact:** Oliver Wegerer

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