



Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 10.05.2010

Revision: 15.07.2008

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** REINZOSIL-t
- **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-(0)731-7046-0
- **Email competent person:** sdb.qus@dana.com
- **Further information obtainable from:**
Department ASU: Mr. Schnitzler +011-49(0)7317046710
Department ASU: Mr. Schnitzler, Tel.: +49-(0)731-7046-710
- **Information in case of emergency:**
Germany: Reinz-Dichtungs-GmbH, +011-49(0)7317046710
US: Target Marketing 412.486.2627
National Poisons Information Centre Tel.: +44 (0)870 6006266


2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
Safety data sheet available for professional user on request.
- **Classification system:**
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

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

- **Dangerous components:**

CAS: 156145-64-1	Vinyloximinisilan	 Xn; R 48/22-53	2.5-10%
ELINCS: 421-860-7			

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information:**
Take affected persons out into the fresh air.
No special measures required.
- **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.
- **After eye contact:** Rinse opened eye for several minutes under running water.

(Contd. on page 2)



Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 10.05.2010

Revision: 15.07.2008

Trade name: REINZOSIL-t

(Contd. of page 1)

- **After swallowing:** Rinse out mouth and then drink plenty of water.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray.
Use fire extinguishing methods suitable to surrounding conditions.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** To provide sufficient ventilation.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Dispose of the material collected according to regulations.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:**
By reaction with water vapour (air humidity) crack products are released. See also chapter 8
No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** 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:** None.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients 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:
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 valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not necessary if room is well-ventilated.

(Contd. on page 3)



Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 10.05.2010

Revision: 15.07.2008

Trade name: REINZOSIL-t

(Contd. of page 2)

• **Protection of hands:**

Preventive skin protection by use of skin-protecting agents is recommended.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

• **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Not applicable

• **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Not applicable

• **Eye protection:** Goggles recommended during refilling

• **Body protection:** Protective work clothing

9 Physical and chemical properties

• **General Information**

Form:	Pasty
Colour:	According to product specification
Odour:	Characteristic

• **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Not applicable

• **Flash point:** > 150 °C (> 302 °F)

• **Self-igniting:** Product is not selfigniting.

• **Danger of explosion:** Product does not present an explosion hazard.

• **Density at 20 °C (68 °F):** 1.03 g/cm³

• **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

• **Solvent content:**

Organic solvents: 0.0 %

10 Stability and reactivity

• **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

• **Materials to be avoided:**

• **Dangerous reactions** No dangerous reaction known while appropriate handling.

• **Dangerous decomposition products:** No dangerous decomposition products known.



Safety Data Sheet according to 1907/2006/EC, Article 31

Printing date 10.05.2010

Revision: 15.07.2008

Trade name: REINZOSIL-t

(Contd. of page 3)

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.
When used and handled according to specifications, the product does not have any harmful effects 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.
- **Ecotoxicological effects:**
- **Acquatic toxicity:** Presently there are no ecotoxicological values available.
- **Additional ecological information:**
- **General notes:**
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.

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.
Smaller quantities can be disposed of with household waste.

• European waste catalogue

08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

- **Uncleaned packaging:**
- **Recommendation:**
Packagings that may not 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.

GB
(Contd. on page 5)



Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 10.05.2010

Revision: 15.07.2008

Trade name: REINZOSIL-t

(Contd. of page 4)

14 Transport information

- **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
 - **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 Regulatory information

- **Labelling according to EU guidelines:**
Observe the general safety regulations when handling chemicals.
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **Special labelling of certain preparations:** Safety data sheet available for professional user on request.
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

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.

- **Relevant R-phrases**
48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.
53 May cause long-term adverse effects in the aquatic environment.
- **Department issuing MSDS:** Department: ASU (Environment, Health & Safety)
- **Contact:** H. Ludwig Schnitzler, Abt. ASU
- *** Data compared to the previous version altered.**