

Material Safety Data Sheet
According to 91/155 EEC(2001/58 EC)
REINZOSIL
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1 Identification of substance:

• **Product details:**

- **Reinz-Number:** 70-28437-00, 70-31414-10
Trade name: REINZOSIL
Universal Sealing Compound 300 SI
- **Application of the substance / the preparation** Sealant

• **Supplier/Manufacturer:**

Reinz-Dichtungs-GmbH
Reinzstr. 3-7
D-89233 Neu-Ulm
Tel.: +49-731-70 46-0
Fax: +49-731-70 46-746
Email: info@dana.com

• **Information department:**

Department QUS Herr Schnitzler Tel.: +49-731-7046-710

• **Emergency information:**

National Poisons Information Centre Tel.: +44 (0)870 6006266

2 Composition/Data on components:

• **Chemical characterization**

• **Description:**

Polydimethylsiloxane with inorganic fillers and Oximosilane-cross linking agent

Dangerous components:

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

• **Additional information**

For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- **Hazard description:** not applicable

• **Information pertaining to particular dangers for man and environment:**

According to current European laws and regulations the product is not dangerous or toxic material (based on the available data).

• **Classification system:**

The classification was made according to the latest editions of the EU-lists, and expanded using company data and specialized literature.

4 First aid measures

- **General information:** No special measures required.

• **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

• **After skin contact:**

Remove product mechanically.

Clean effected skin thoroughly with water and a mild cleansing agent.

No residues shall remain on the skin.



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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.
Never give anything by mouth to a unconscious person.
If symptoms persist consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Use fire fighting measures that suit the environment.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
Dangerous decomposition product see chapter 10: stability and reactivity
- **Protective equipment:**
Wear self-contained respiratory protective device.
- **Additional information:**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **Person-related safety precautions:**
Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or any water course.
Do not allow to penetrate the ground/soil.
- **Measures for cleaning/collecting:**
Ensure adequate ventilation.
Pick up mechanically.
Dispose of the material collected 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:**
Store container tightly sealed at a cool and dry place with sufficient ventilation.
 - **Information about storage in one common storage facility:**
Store away from foodstuffs.

Store away from feed.
 - **Further information about storage conditions:**
Store in cool, dry conditions in well sealed receptacles.
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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 information:**

The lists that were valid during the creation were used as basis.
During curing of the product by reaction with air humidity following substances are generated and released:

4-methylpentan-2-one oxime (approx. 5 %) CAS: 105-44-2

This substance is classified as ahrmful and irritant.

No TLV/OEL have been established so far for this substance.

• **Personal protective equipment**

• **General protective and hygienic measures:**

The usual precautionary measures should be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

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:** -

• **Penetration time of glove material:** -

• **Eye protection:** Safety glasses

• **Body protection:** Protective work clothing.

9 Physical and chemical properties:

• **General Information**

• **Form:** Pasty

• **Colour:** anthracite

• **Odour:** Characteristic

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• **Change in condition:**

• **Melting point/Melting range:**

undetermined

• **Boiling point/Boiling range:**

not applicable

• **Flash point:**

> 150 ° C

• **Self igniting:**

Product is not self-igniting.

• **Danger of explosion:**

Product does not present an explosion hazard.

• **Density:**

at 20 ° C

~ 1.07 g/cm³

• **Solubility in / Miscibility with**

• **Water:**

Not miscible or difficult to mix

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10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Dangerous reactions:** No dangerous reactions known
- **Dangerous products of decomposition:**
No hazardous decomposition products; if instructions for the storage and handling are followed.

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** May cause irritation to the eyes.
- **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 according to our experience and the information provided to us.

12 Ecological information

- **Information about elimination (persistence and degradability):**
- **Other information:** Not biodegradable
- **Ecotoxicological effects:**
Aquatic toxicity:
Presently there are no ecotoxicological values available.
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
According to appendix 4 of VwVwS dated 17.05.1999 (German regulation)
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Danger to drinking water is possible if large quantities leak into the ground or into water course.

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 disposing 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 grown hard product can be disposed of together with household garbage.
- **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 packagings:**
- **Recommendation:**
Empty contaminated packagings thoroughly. They can be recycled after



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thorough and proper cleaning.

Packagings with grown hard rests of products can be disposed of together with household garbage.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** No hazardous good according to the regulation.
- **Maritime transport IMDG:**
- **IMDG Class:** No hazardous good according to the regulation.
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** No hazardous good according to the regulation.

15 Regulations

- **Markings according to EC guidelines:**
Observe the general safety regulations when handling chemicals
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials
- **Special labelling of certain preparations:**
Safety data sheet available for professional user on request.
- **National regulations**
- **Water hazard class:**
Water hazard class 1 (Self-assessment): slightly 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:**
22 Harmful if swallowed.
48 Danger of serious damage to health by prolonged exposure.
53 May cause long-term adverse effects in the aquatic environment.