

Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 28.01.2009

Revision: 16.01.2009

1 Identification of substance

- **Product details**
- **Trade name** MultiSil
- **Article number:** 7380-96
- **Application of the substance / the preparation** Silicate sealing
- **Manufacturer/Supplier:**
Remmers Baustofftechnik GmbH
Postfach 1255
D-49624 Lönningen / Germany
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- **Informing department:**
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after working hours: Tel.: +49 (0)171/6428-297

2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man and environment** not applicable
- **Classification system**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Silicone rubber sealing compound (neutral cross-linking)

- **Dangerous components:**

CAS: 2768-02-7	trimethoxyvinylsilane	Xn, Xi; R 10-20-36	1-2.5%
EINECS: 220-449-8			

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

4 First aid measures

- **After inhalation** No special requirements.
- **After skin contact**
Wash immediately with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing**
Rinse out mouth and then drink plenty of water.

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Seek medical treatment.

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5 Fire fighting measures

- **Suitable extinguishing agents**
Use fire fighting measures that suit the environment.
CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
- **Protective equipment:** Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Person-related safety precautions:** Ensure adequate ventilation
- **Measures for environmental protection:**
Do not allow product to reach sewage system or water bodies.
Do not allow to enter the ground/soil.
- **Measures for cleaning/collecting:**
Collect mechanically.
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.

* 7 Handling and storage

- **Handling**
- **Information for safe handling:** Use only in well ventilated areas.
- **Information about protection against explosions and fires:** The product is not flammable
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information on storage in a common storage facility:** none
- **Further information about storage conditions:**
Store cool and dry in tightly closed containers.
Protect from frost.

* 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 limit values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during compilation were used as a basis.
- **Personal protective equipment**
- **General protective and hygienic measures**
Observe the usual precautionary measures when handling chemicals.
Wash hands before pauses and after work.
Use skin protection cream for preventive skin protection.
Avoid close or long term contact with the skin.
- **Respiratory equipment:** not required.
- **Protection of hands:** Protective gloves or protective skin cream.
- **Material of gloves**
Butyl rubber, BR
Nitrile rubber, NBR
- **Penetration time of glove material**
Break through time: max. 240 min (DIN EN 374).

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

- **Eye protection:** not required.

9 Physical and chemical properties:

· General Information

Form:	Pasty
Colour:	Different, according to dye
Odour:	Odourless

· Change in condition

Melting point/Melting range:	Not determined
Boiling point/Boiling range:	Not determined

· Flash point:	Not applicable
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· Self-inflammability:	Product is not self-igniting.
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· Danger of explosion:	Product is not explosive.
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· Density at 20°C	ca. 1.0 g/cm ³
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· Solubility in / Miscibility with Water:	Insoluble
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10 Stability and reactivity

· Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.
No decomposition if handled and stored according to specifications.

- **Dangerous reactions** No dangerous reactions known

· Dangerous decomposition products:

No dangerous decomposition products known
In case of contact with water (or humidity) formation of methanol.

11 Toxicological information

· Acute toxicity:

· Primary irritant effect:

- **on the skin:** No irritating effect.

- **on the eye:** No irritating effect.

- **Sensitisation:** No sensitising effect known.

· Additional toxicological information:

The product is not subject to labelling based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

12 Ecological information:

· General notes:

Water hazard class 1 : slightly hazardous to water.
according to appendix 4 VwVwS

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13 Notes on disposal:

- **Product:**

- **Recommendation**

Empty container, allow the product to harden.

The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

- **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG/GGVSea:**

- **IMDG/GGVSea Class:** -

- **Air transport ICAO-TI and IATA-DGR:**

- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not a hazardous good according to the above regulations.

15 Regulatory information

- **Designation according to EC guidelines:**

Observe normal safety precautions for handling chemicals

The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).

- **National regulations**

- **Water hazard class:**

Water hazard class 1: slightly hazardous to water.

according to appendix 4 VwVwS

- **Other regulations, limitations and prohibition ordinances**

Observe the usual protective measures when working and for storage.

After the silicone has vulcanised, the product is physiologically safe.

16 Other information:

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.

Delivery specifications are found in the respective Technical Information Sheets.

- **Relevant R-phrases**

10 Flammable.

20 Harmful by inhalation.

36 Irritating to eyes.

- **Department issuing data specification sheet:** Product Safety department