

## Material Safety Data Sheet

According to 2001/58 EC

Printing date 01.10.2004

Reviewed on 01.10.2004

### 1 Identification of substance:

- **Product details:**
- **Trade name:** MSR CA
- **Article number:** 131880
- **Application of the substance / preparation** Sealant
- **Manufacturer/Supplier:**  
BOSTIK BV  
De Voerman 8  
5215 MH 's-Hertogenbosch  
The Netherlands  
Tel.: +31 (0)73 6 244 244
- **Informing department:** Product Safety Department

### 2 Composition/Data on components:

- **Description:** Mixture of the substances listed below with harmless additions.

**Dangerous components:**

CAS: 2768-02-7 EINECS: 220-449-8	trimethoxyvinylsilane	☒ Xn; R 10-20	1-5%
CAS: 13822-56-5 EINECS: 237-511-5	3-(trimethoxysilyl)propylamine	☒ Xi; R 36	1-5%

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

### 3 Hazards identification

- **Hazard designation:** void
- **Information pertaining to particular dangers for man 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.
- **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.

### 4 First aid measures

- **General information** No special measures required.
- **After skin contact** Instantly rinse with water.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** In case of persistent symptoms consult doctor.

### 5 Fire fighting measures

- **Suitable extinguishing agents** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

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· **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**  
No special measures required.  
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:** Collect mechanically.
- **Additional information:** No dangerous materials are released.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

### 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 compilation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**  
Protective gloves and protective skin cream.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves** PVC or PE gloves
- **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.
- **Eye protection:** Safety glasses recommended during refilling.

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### 9 Physical and chemical properties:

#### · General Information

<b>Form:</b>	Pasty
<b>Colour:</b>	According to product specification
<b>Odour:</b>	Mild

#### · Change in condition

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

· **Flash point:** Not applicable

· **Self-inflammability:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive.

· **Density at 20°C** 1.400 g/cm<sup>3</sup>

#### · 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 reactions known.

· **Dangerous products of decomposition:** No dangerous decomposition products known

### 11 Toxicological information

#### · Acute toxicity:

#### · Primary irritant effect:

· **on the skin:** No irritant effect.

· **on the eye:** No irritant effect.

· **Sensitization:** No sensitizing effect known.

#### · Additional toxicological information:

During hardening a small amount of methanol will be released (TWA 200 ppm).

The product is not subject to classification according to the calculation method of the General EC 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:

#### · General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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### 13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed with household waste.

**· European waste catalogue**

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

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

### 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVS/E Class:** -

**· Maritime transport IMDG:**

- **IMDG Class:** -
- **Marine pollutant:** No

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

- **ICAO/IATA Class:** -

### 15 Regulatory information

**· TSCA (Toxic Substances Control Act)**

All ingredients are listed.

- **Designation according to EC guidelines:**  
Observe the normal safety regulations when handling chemicals  
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- **Special designation 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:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Relevant R-phrases**

- 10 Flammable.
- 20 Harmful by inhalation.
- 36 Irritating to eyes.