

**Material Safety Data Sheet**  
According to 2001/58 EC

Printing date 11.04.2005

Reviewed on 05.08.2004

**1 Identification of substance:**

- **Product details:**
- **Trade name:** MSR BC
- **Article number:** 137149
- **Application of the substance / preparation** Adhesives
- **Manufacturer/Supplier:**  
BOSTIK BV  
De Voerman 8  
5215 MH 's-Hertogenbosch  
The Neetherlands  
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: 68515-48-0 EINECS: 271-090-9	di-isononyl phthalate		5-20%
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.
- **After swallowing** In case of persistent symptoms consult doctor.

**5 Fire fighting measures**

- **Suitable extinguishing agents**  
CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**  
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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:**

68515-48-0 di-isononyl phthalate

OES Long-term value: 5 mg/m<sup>3</sup>

· **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  
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.

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**· 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:** Not required.

### 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**· Ignition temperature:** 420°C**· Self-inflammability:** Product is not selfigniting.**· Danger of explosion:** Product is not explosive.**· Critical values for explosion:****Lower:** 0.1 Vol %**Upper:** 0.2 Vol %**· Density at 20°C** 1.3 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).

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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.

### 13 Disposal considerations

**· Product:**

· **Recommendation** Smaller quantities can be disposed with household waste.

**· 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

### 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****· Technical instructions (air):**

Class	Share in %
II	5-25

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· **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.

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