

# Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

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

### Product details

**Trade name** Superflex 1

**Safety data sheet no.:** 49PD10480/10

### Application of the substance / the preparation

Construction chemicals

Sealant

### Manufacturer/Supplier:

maxit France s.a.s

4 rue de Mulhouse

Boîte Postale 27

F-68180 Horbourg-Wihr

Tel.: ++33(0)3 89 20 10 80

FAX: ++33(0)3 89 20 10 92

### Information in case of emergency:

maxit France s.a.s

Tel.: ++33(0)3 89 20 10 80

## 2 Composition/information on ingredients

### Chemical characterization

**Description:** Aqueous artificial resin dispersion on the basis of polystyrene acrylate.

**Dangerous components:** Void

**Additional information** None

## 3 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.

### Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

## 4 First aid measures

**General information** Immediately remove any clothing soiled by the product.

**After inhalation** Supply fresh air; consult doctor in case of complaints.

### After skin contact

Immediately wash with water and soap and rinse thoroughly.

Generally the product does not irritate the skin.

### After eye contact

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

### After swallowing

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

(Contd. on page 2)

# Material Safety Data Sheet

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

Trade name Superflex 1

Information for doctor None

(Contd. of page 1)

## 5 Fire fighting measures

### Suitable extinguishing agents

Use fire extinguishing methods suitable to surrounding conditions.

### Special hazards caused by the substance, its products of combustion or resulting gases:

When water is vaporized, generation of toxic gases can not be excluded, e.g.:

Carbon monoxide (CO)

Nitrogen oxides (NOx)

**Protective equipment:** Use methods suitable to surrounding conditions.

## 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.

### Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**Additional information:** See Section 13 for disposal information.

## 7 Handling and storage

### Handling

#### Information for safe handling:

Keep receptacles tightly sealed.

Store in cool, dry place in tightly closed receptacles.

**Information about fire - and explosion protection:** No special measures required.

### Storage

#### Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

**Information about storage in one common storage facility:** Store away from foodstuffs.

#### Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from frost.

Protect from heat and direct sunlight.

## 8 Exposure controls and 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 information:

Te applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

### Personal protective equipment:

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

(Contd. on page 3)

**Material Safety Data Sheet**

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

**Trade name Superflex 1**

(Contd. of page 2)

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

**Respiratory protection:** Not necessary if room is well-ventilated.**Protection of hands:**

Protective gloves.

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**

Rubber 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.

**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:** Goggles recommended during refilling**Body protection:** Protective work clothing.**9 Physical and chemical properties:****General Information**

|                |                                    |
|----------------|------------------------------------|
| <b>Form:</b>   | Fluid                              |
| <b>Colour:</b> | According to product specification |
| <b>Odour:</b>  | Characteristic                     |

**Change in condition**

|                                     |                     |
|-------------------------------------|---------------------|
| <b>Melting point/Melting range:</b> | Undetermined.       |
| <b>Boiling point/Boiling range:</b> | 100°C (212°F) (DIN) |

**Flash point:** Not applicable**Self-igniting:** Product is not selfigniting.**Danger of explosion:** Product does not present an explosion hazard.**Explosion limits:**

|               |                        |
|---------------|------------------------|
| <b>Lower:</b> | 0,6 Vol % (DIN 51649)  |
| <b>Upper:</b> | 20,4 Vol % (DIN 51649) |

**Vapour pressure at 20°C (68°F):** 23 hPa (17 mm Hg) (DIN 51640)**Density at 20°C (68°F):** ca.1,5 g/cm<sup>3</sup> (DIN 51757)**Bulk density:** Not applicable.**Solubility in / Miscibility with****Water:** Fully miscible**pH-value at 20°C (68°F):** 8-10 (DIN 19261)**Viscosity:**

|                   |                 |
|-------------------|-----------------|
| <b>dynamic:</b>   | Not determined. |
| <b>kinematic:</b> | Not determined. |

**Solvent separation test:** Not applicable.

(Contd. on page 4)

**Material Safety Data Sheet**

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

Trade name Superflex 1

(Contd. of page 3)

Additional information: None.

**10 Stability and reactivity****Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**Dangerous reactions:** No dangerous reactions known**Dangerous decomposition products:** No dangerous decomposition products known.**11 Toxicological information****Acute toxicity:****LD/LC50 values relevant for classification:**

| Components                                                     | Type | Value         | Species |
|----------------------------------------------------------------|------|---------------|---------|
| <b>13462-86-7 natürliches Bariumsulfat</b>                     |      |               |         |
| Oral                                                           | LD50 | > 15000 mg/kg | (rat)   |
| <b>63449-39-8 Paraffin waxes and Hydrocarbon waxes, chloro</b> |      |               |         |
| Oral                                                           | LD50 | >2000 mg/kg   | (rat)   |

**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.

**12 Ecological information:****Information about elimination (persistence and degradability):****Other information:** The product is difficultly biodegradable.**Ecotoxicological effects:****Aquatic toxicity:**

| Type of test                                                   | Effective concentration | Method | Assessment |
|----------------------------------------------------------------|-------------------------|--------|------------|
| <b>63449-39-8 Paraffin waxes and Hydrocarbon waxes, chloro</b> |                         |        |            |
| EC50/24h                                                       | 130 mg/l                | (fish) |            |

**General notes:**

Danger to drinking water if even small quantities leak into the ground.

**13 Disposal considerations****Product:****Recommendation** Must be specially treated adhering to official regulations.**European waste catalogue**

|          |                                                                                   |
|----------|-----------------------------------------------------------------------------------|
| 08 01 11 | waste paint and varnish containing organic solvents or other dangerous substances |
|----------|-----------------------------------------------------------------------------------|

(Contd. on page 5)

**Material Safety Data Sheet**

According to 91/155 EEC

Printing date 04.04.2007

Reviewed on 21.03.2007

**Trade name Superflex 1**

(Contd. of page 4)

**Uncleaned packaging:****Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**Recommended cleaning agent:** Water, if necessary together with cleansing agents.

**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 dangerous according to the above specifications.

**15 Regulatory information****Labelling according to EU guidelines:**

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version. Observe the general safety regulations when handling chemicals.

**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.

**Department issuing MSDS:** Product safety department

**Contact:** Mr Gilles Weber, Tel.: ++33(0)3 89 20 10 93

**\* Data compared to the previous version altered.**

EU