

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 16.05.2013

Revision: 20.01.2010

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

- **Product identifier**
- **Trade name:** INTRASIT SE-SB 10D
- **Article number:** 50306 A
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation**  
Spores binder, solvent-free, ready for use, based on a triple- phase system
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Meffert AG  
Sandweg 15  
D-55543 Bad Kreuznach
- 
- Tel.: +49 (0)671 / 870-0  
Fax: +49 (0)671 / 870-397
- **Further information obtainable from:**  
Abt. Forschung und Entwicklung  
Ansprechpartner: E-Mail: SDB@meffert.com
- **Emergency telephone number:**  
Abt. Forschung und Entwicklung  
Tel.: +49 (0)671 / 870-327 Mo-Fr 7.30 - 20.00Uhr, Sa 9.00-20.00 Uhr

### 2 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
The product is not classified according to the CLP regulation.
- 
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Not applicable.
- **Information concerning particular hazards for human and environment:**  
Not applicable.  
Safety data sheet available on request.
- 
- **Label elements**
- **Labelling according to EU guidelines:** Observe the general safety regulations when handling chemicals.
- **Other hazards** The product is alkaline.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** aqueous solution of potassium silicate and polymers
- **Dangerous components:** Void

### 4 First aid measures

- **Description of first aid measures**
- **General information:** Remove contaminated clothing immediately remove.
- **After inhalation:** Consult doctor in case of symptoms.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Not applicable, product is not flammable.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters** Fire-fighting measures must be agreed to surrounding.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7 Handling and storage

- **Handling:**
- **Precautions for safe handling** When properly used no special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Keep container tightly closed.
- **Information about storage in one common storage facility:**  
Away from strong acids and food products separately.
- **Further information about storage conditions:**  
Protect from frost.  
Only in original container.
- **Specific end use(s)** No further relevant information available.

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **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:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** In airless spray respirator mask.
- **Protection of hands:**  
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

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Alkali-resistant protective gloves e.g. rubber, nitrile or butyl rubber.

- **Material of 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:** Wear safety goggles.

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

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Fluid

Colour: white

- **Odour:** Characteristic

- **pH-value at 20°C:** 11-12

- **Change in condition**

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 100°C

- **Flash point:** Not applicable.

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Vapour pressure at 20°C:** 23 mbar

- **Density at 20°C:** 1.2 g/cm<sup>3</sup>

- **Solubility in / Miscibility with**

water: Fully miscible.

- **Other information** No further relevant information available.

## 10 Stability and reactivity

- **Reactivity**

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

- **Possibility of hazardous reactions**

Reacts with acids.

Corrodes aluminium.

- **Conditions to avoid** No further relevant information available.

- **Incompatible materials:** No further relevant information available.

- **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **Primary irritant effect:**

- **on the skin:** slightly irritating, does not require labeling

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- **on the eye:** slightly irritating, does not require labeling
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

### 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
  - **European waste catalogue**
- |          |  |
|----------|--|
| 08 04 16 | aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15 |
|----------|--|
- **Uncleaned packaging:**
  - **Recommendation:** Disposal must be made according to official regulations.
  - **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- |  |   |
|--|---|
| · <b>UN-Number</b>   | -   |
| · <b>UN proper shipping name</b>   | -   |
| · <b>Transport hazard class(es)</b>  | -   |
| · <b>Packing group</b>   | -   |
| · <b>Special precautions for user</b>  | Not applicable.                           |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable.                           |
| · <b>Transport/Additional information:</b>                                       | Not hazardous under transport regulations |

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations:**
- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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- **Other regulations, limitations and prohibitive regulations** max. 5 g / l
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**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.*

**· Abbreviations and acronyms:**

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

GB