

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.09.2009

Revision: 17.09.2009

## 1 Identification of substance:

- **Product details:**
- **Trade name:** Calsitherm KP-Tiefengrund
- **Application of the substance / the preparation:** Priming
- **Manufacturer / Supplier:**  
 Calsitherm Silikatbaustoffe GmbH  
 An der Eiche 15  
 D-33175 Bad Lippspringe  
 Germany  
 Tel.: +49-(0)5252/9651-0  
 Fax: +49-(0)5252/9651-18
- **E-mail address of the competent person responsible for the Safety Data Sheet:** [sdb@csb-online.de](mailto:sdb@csb-online.de)
- **Informing department:**  
 Tel.: +49-(0)5254/99092-30, -20, -21  
 Fax: +49-(0)5254/99092-17
- **Emergency information:** Giftnotzentrale Bonn    Tel.: +49 (0) 228 19 240

## 2 Hazards identification

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

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Aqueous polymer dispersion
- **Dangerous components:** Void

## 4 First aid measures

- **General information:** Remove contaminated clothing.
- **After inhalation:** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact:**  
 The product is not skin irritating.  
 Wash with soap and water.
- **After eye contact:**  
 Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing:**  
 Rinse out mouth and then drink plenty of water.  
 In case of persistent symptoms consult doctor.

## 5 Fire fighting measures

- **Suitable extinguishing agents**  
 Product does not burn - take extinguishing measures according to fire conditions.
- **Special hazards caused by the material, its products of combustion or flue gases:**  
 Carbon monoxide (CO) and Carbon dioxide (CO<sub>2</sub>)
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information**  
 Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

GB

(Contd. on page 2)

# Safety Data Sheet

## according to 1907/2006/EC, Article 31

Printing date 17.09.2009

Revision: 17.09.2009

Trade name: Calsitherm KP-Tiefengrund

(Contd. of page 1)

### 6 Accidental release measures

- **Person-related safety precautions:**  
Ensure adequate ventilation.  
Avoid skin and eye contact.
- **Measures for environmental protection:**  
Do not allow to enter drainage system, surface or ground water.  
Do not allow to enter the ground/soil.
- **Measures for cleaning/collecting:**  
Ensure adequate ventilation.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the material collected according to regulations.

### 7 Handling and storage

- **Handling**
- **Information for safe handling:**  
Ensure good ventilation/exhaustion at the workplace.  
Avoid prolonged or repeated skin contact.  
Avoid contact with eyes.
- **Information about protection against explosions and fires:** The product is not flammable.
- **Storage**
- **Requirements to be met by storerooms and containers:**  
Observe all local and national regulations for storage of water polluting products.
- **Information about storage in one common storage facility:** Not required
- **Further information about storage conditions:**  
Keep container tightly sealed.  
Protect from frost.  
Minimum storage temperature: 0 °C

### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with critical 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**  
Keep away from foodstuffs, beverages and food.  
Do not eat, drink or smoke while working.  
Do not inhale gases / fumes / aerosols.  
Avoid close or long term contact with the skin.  
Avoid contact with the eyes.  
Wash hands during breaks and at the end of the work.  
Use skin protection cream for preventive skin protection.
- **Breathing equipment:** Only during spraying without adequate removal by suction.
- **Recommended filter device for short term use:** Partikelfilter EN 143 Type P2
- **Protection of hands:**  
Protective gloves  
To avoid skin problems reduce the wearing of gloves to the required minimum.  
Check the permeability prior to each renewed use of the glove.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 3)

GB

## Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.09.2009

Revision: 17.09.2009

**Trade name: Calsitherm KP-Tiefengrund**

(Contd. of page 2)

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· **Material of gloves**

Nitrile rubber - NBR

e.g. KCL Tricotril®

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**

Permeation depends on conditions of use, according to manufacturer's data max. 8 h (DIN EN 374)

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

Protective gloves should be replaced at first signs of wear.

· **Eye protection:** Safety glasses

· **Body protection:** Protective clothing should be selected specifically for the working place.

### 9 Physical and chemical properties:

· **General Information**

<b>Form:</b>	liquid
<b>Colour:</b>	bluish milky
<b>Smell:</b>	characteristic

· **Change in condition**

**Melting point/Melting range:** not determined

**Boiling point/Boiling range:** 100°C

· **Flash point:** not applicable

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

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

· **Vapour pressure at 20°C:** 23 hPa

· **Density at 20°C** ~1.0 g/cm<sup>3</sup> (DIN 51755)

· **Solubility in / Miscibility with**

**Water:** fully miscible

· **pH-value at 20°C:** ≥ 8

· **Viscosity:**

**kinematic at 20°C:** 10 s (DIN 53211/4)

### 10 Stability and reactivity

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

· **Materials to be avoided:** Strong oxidizing agents

· **Dangerous reactions** No dangerous reactions known.

· **Dangerous products of decomposition:** Carbon monoxide (CO) and Carbon dioxide (CO<sub>2</sub>)

GB

(Contd. on page 4)

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 17.09.2009

Revision: 17.09.2009

Trade name: Calsitherm KP-Tiefengrund

(Contd. of page 3)

## 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:**  
 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:**  
 There are no quantitative data on the ecological effects of this product available to us.  
 Water hazard class 1 (Self-assessment): slightly hazardous for water

## 13 Disposal considerations

- **Product:**
- **Recommendation** Disposal must be made according to official regulations.
- **European waste catalogue:**  
 Waste disposal key numbers from EWC have to be assigned depending on origin and processing.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

## 14 Transport information

- **Land transport ADR/RID (cross-border):**
- **ADR/RID Class:** -
- **Maritime transport IMDG-Code:**
- **IMDG Class:** -
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:**  
 Not dangerous according to the above specifications.  
 Protect from frost.

## 15 Regulatory information

- **Designation according to EC guidelines:**  
 The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.  
 Observe all safety regulations when handling chemicals.
- **National regulations**
- **Decree to be applied in case of technical fault:** -

(Contd. on page 5)

GB

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 17.09.2009

Revision: 17.09.2009

**Trade name: Calsitherm KP-Tiefengrund**

(Contd. of page 4)

· **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.*

· **Reasons for changes:**

*The Material Safety Data Sheet has been revised. Changes in the respective chapters are characterized in the left side edge by \*.*

· **Department issuing MSDS:**

C.S.B. GmbH                      Phone: ++49 - 2151 - 652086-0  
Parkstraße 29                      Fax: ++49 - 2151 - 652086-9  
D-47829 Krefeld  
Germany

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

GB