

# Material Safety Data Sheet

according to (EC) Nr. 1907/2006



Trade Name : Sticking Paste SB  
Date of last revision: 13.08.2010 Version : 2  
Print date :

## 01. Identification of the substance/Identification of the manufacturer/supplier

### **Identification of the substance**

Sticking Paste SB

### **Other names**

### **REACH registration number**

### **Use of the substance**

Auxiliary product for foundry industry

### **Manufacturer/Supplier**

Calderys Deutschland GmbH & Co. OHG

### **Street/P.O.Box**

In der Sohl 122

### **Nationality/Zip Code/City**

D-56564 Neuwied

### **Contact for technical information**

Ulrich Hartleib

### **Telephone / Telefax / E-Mail**

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### **Contact in case of emergency**

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## 02. Hazards identification

### **Irritant effects**

Xi Irritant

### **Chronic respiratory health effects**

R 36/38 Irritating to eyes and skin

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.

## 03. Composition / Information on ingredients

### **Chemical Characterization**

Mixture of aluminium silicates and water glass.

### **Hazard ingredients**

Component: Sodium Silicate  
EINECS-Nr. : 215-687-4 CAS-Nr. : 1344-09-8  
Content : 20-30 %  
Classification according 67/548/EEC:  
Xi; R36/38

(Full text of R- and H-phrases: see section 16)

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## 04. First Aid Measures

### **In case of inhalation:**

not applicable

### **In case of skin contact:**

iRinse with warm water.

### **In case of eye contact:**

Rinse opened eye for several minutes under running water. Then consult doctor.

### **In case of ingestion:**

Rinse out mouth and then slowly drink a glass of water.

Call a doctor immediately.

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## 05. Fire-fighting measures

### **Suitable extinguishing media:**

Product is not combustible.

Use fire fighting measures that suit the environment.

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## 06. Accidental release measures

### **Personal precautions:**

not required

### **Environmental precautions:**

Do not allow product to reach sewage system or water bodies.

### **Methods for cleaning up:**

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

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## 07. Handling and storage

### **Advices of safe handling:**

no special measures required

### **Precautions against fire and explosion:**

The product is not flammable. No special measures required.

### **Requirements for storage rooms and vessels:**

Do not use light alloy containers.

Suitable material for containers and conduit: steel or stainless steel

Do not store together with acids.

**Storage Class VCI :** LGK 12

### **Further informations on storage conditions:**

Protect from frost.

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## 08. Exposure controls / Personal protection

**Components with occupational exposure limits rsp. biological occupational exposure limits requiring monitoring:**

**Occupational exposure controls:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Personal protection equipment**

**Respiratory protection**

not required

**Hand protection**

Protective gloves of nitrile or butyl rubber.

**Eye protection**

Safety glasses.

**Hygienic recommendations**

The usual precautionary measures should be adhered to in handling the chemicals.  
Avoid close or long term contact with the skin.

## 09. Physical and chemical properties

**Appearance**

**Physical state :** Pasty  
**Colour :** yellowish  
**Odour :** nearly odourless

**Safety relevant basic data**

<b>Explosives ::</b>	not explosive
<b>Lower Explosion Limit :</b>	not explosive
<b>Upper Explosion Limit :</b>	not explosive
<b>Vapour pressure :</b>	23 mbar (water) at 20°C
<b>Density :</b>	1.8 g/cm <sup>3</sup> at 20°C
<b>Viscosity, dynamic :</b>	66-74 Pas (at 20°C)
<b>Water solubility:</b>	partly soluble
<b>pH-value</b>	11-12 (at 20°C)
<b>Boiling point/range :</b>	> 100°C (water)
<b>Flash point :</b>	none
<b>Ignition temperature :</b>	void

## 10. Stability and reactivity

**Conditions to avoid**

none (Water is vapourizing)

**Materials to avoid**

none

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## Hazardous decomposition products

No dangerous decomposition products known

## 11. Toxicological information

### Toxicity tests

Primary irritant effect on the skin:	Irritant for skin and mucous membranes
Primary irritant effect on the eye:	Irritant for eyes
Sensitization:	No sensitizing effect known
Additional toxicological information:	Harmful effect because of the alkalinity of the product possible.

## 12. Ecological information

### Ecotoxicity

Must not reach sewage water or drainage ditch undiluted or unneutralised.  
After neutralisation no harmful effect for the environment.

## 13. Disposal considerations

### Appropriate disposal /Product

#### Recommendation

Can be deposited with household garbage after solidification following consultation with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations.

Disposal considerations: chemical/physical preliminary treatment

#### Uncleaned packagings

Disposal must be done according to official regulations.  
Empty contaminated containers thoroughly. They can be recycled after thorough and proper cleaning.

## 14. Transport information

**Land transport (ADR/RID/GGVSE) : not dangerous according to the above specifications**

**Sea transport (IMDG-Code/GGVSee) : not dangerous according to the above specifications**

**Air transport (ICAO-IATA/DGR) : not dangerous according to the above specifications**

## 15. Regulatory Information

### Designation according to EC guidelines:

The product has been classified and labelled in accordance with EC Directives.

### Hazard symbols and hazard statements of dangerous substances and preparations:

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Xi      Irritant

**R-Phrases**

36/38      Irritating to eyes and skin

**S-Phrases**

26      In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39      Wear suitable gloves and eye/face protection

## National regulations (Germany)

**Water hazard class (Wassergefährdungsklasse)**

Class : 1 (slightly water hazardous)

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## 16. Other information

**Relevant R- and H-phrases (number and full text):**

36/38      Irritating to eyes and skin

**Changes in comparison with the latest version**

Last version 05.03.2010  
Chapters 02, 03, 11, 15, 16

**Data sheet edited by**

Ulrich Hartleib  
Purchase Manager Merchandise

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