

Material Safety Data Sheet

according to (EC) Nr. 1907/2006



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

Version : 2

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

0049-(0)2631-8604223 / 0049-(0)-2631-8604222 / Ulrich.Hartleib@Calderys.com

Contact in case of emergency

Ulrich Hartleib (Mobile: 0049-(0)160-7076368)

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)

Material Safety Data Sheet

according to (EC) Nr. 1907/2006



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

Version : 2

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.

05. Fire-fighting measures

Suitable extinguishing media:

Product is not combustible.
Use fire fighting measures that suit the environment.

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).

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.

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 :

08. Exposure controls / Personal protection

Components with occupational exposure limits resp. 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

Explosives :: not explosive
Lower Explosion Limit : not explosive
Upper Explosion Limit : not explosive
Vapour pressure : 23 mbar (water) at 20°C
Density : 1.8 g/cm³ at 20°C
Viscosity, dynamic : 66-74 Pas (at 20°C)
Water solubility: partly soluble
pH-value 11-12 (at 20°C)
Boiling point/range : > 100°C (water)
Flash point : none
Ignition temperature : void

10. Stability and reactivity

Conditions to avoid

none (Water is vapourizing)

Materials to avoid

none

Material Safety Data Sheet

according to (EC) Nr. 1907/2006



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

Version : 2

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:

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 :

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)

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
