

SECTION 1: Identification of the substance/mixture and of the company

Product Identifier

Product Name: SiSiB® BC8001

Chemical Name: Silicone Buffer Clay

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For industrial use

Details of the supplier of the safety data sheet

Company Nanjing SiSiB Silicones Co., Ltd.
Guanghua Sci & Tech Industrial Zone,
No. 104, Guanghua Road, Nanjing 210007, P.R.China
Email: SDS@SiSiB.com

Emergency Telephone Number: +86-25-8468-0091

SECTION 2: Hazardous identification

Overall Hazard Classification:

Not hazardous.

Route of Exposure:

Skin contact and Accidental Ingestion

Possible Health Effects:

Acute

Eye

Avoid contact with eyes.

Skin

No significant irritation expected from a single exposure.

Inhalation

No known applicable information.

Ingestion

Repeated ingestion or swallowing large amounts may injure internally.

Chronic

Skin

No known applicable information.

Inhalation

No known applicable information

Ingestion

Repeated ingestion or swallowing large amounts may injure internally.

Signs and Symptoms of Overexposure

No significant adverse effects from a single exposure expected from normal use.

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The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

SECTION 3: Composition/information on ingredients

Chemical category

Mixture

Physical Form

Grease

Color

Gray

Use

Buffer Clay

Chemical Nature

Poly(dimethylsiloxane-co-diphenylsiloxane), divinyl terminated

SECTION 4: First aid measures

Eyes

Rinse with clean water immediately.

Skin

No first aid should be needed.

Inhalation

No first aid should be needed.

Ingestion

No first aid should be needed.

SECTION 5: Firefighting measures

Flammability

Non-flammable.

Autoignition temperature

Not determined.

Hazardous Properties

None.

Extinguishing Media

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide(CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

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Special Fire Fighting Equipment/Procedures:

Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

Hazardous combustion

Carbon oxides and traces of incompletely burned carbon compounds

Product

Silicon dioxide

Unsuitable Extinguishing Media

None

SECTION 6: Accidental release measures

Personal precautions

Do not take internally. Avoid eyes contact.

Environmental precautions:

Do not allow large quantities to enter drains or waters.

Methods for Cleaning up

Observe all personal protective equipment recommendations described in this MSDS. Collect and contain for salvage or disposal. Laws and regulations may apply to releases and disposal of this material, as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

SECTION 7: Handling and storage

Handling Precautions

Use with adequate ventilation. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Storage Conditions

Use reasonable care and store away from oxidizing materials.

Unsuitable Packaging Materials

None known.

SECTION 8: Exposure Controls/Personal Protection

Industrial Hygiene Standards

Ventilation: Refer to Section 7

Engineering Controls

Local Ventilation

None should be needed.

General Ventilation

Recommended.

Personal Equipment for Routine Handling

Respiratory Protection

No respiratory protection should be needed.

Eyes protection

Use proper protection-safety glasses as a minimum.

Hands protection

No special protection needed

Skin protection

Washing at mealtime and end of shift is adequate.

Hygiene measure

Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Personal Protective Equipment for Spills

Respiratory Protection

No respiratory protection should be needed.

Eyes protection

Use proper protection-safety glasses as a minimum.

Skin protection

Washing at mealtime and end of shift is adequate.

Precautionary Measures

Do not take internally. Use reasonable care.

Comments

If this product is heated to >150 degrees C, trace quantities of formaldehyde may be released, and adequate ventilation is required.

Note

These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

| | |
|----------------|-------------------|
| Physical Form: | Grease |
| Color: | Grey |
| Odour: | None |
| pH: | No data available |
| Melting point: | No data available |

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| Boiling point: | No data available |
| Specific Gravity: | No data available |
| Vapour Density: | No data available |
| Octanol/water partition coefficient | No |
| Flash point: | No data available |
| Autoignition temperature: | No data available |
| Solubility in Water: | No data available |
| Explosive properties: | No |
| Viscosity: | 4,000,000~5,000,000cst |
| Molecular Weight: | No data available |

SECTION 10: Stability And Reactivity

Stability

Stable.

Reactivity

Conditions to Avoid

None

Materials to Avoid

Can react with strong oxidizing agents.

Products

Carbon oxides and traces of incompletely burned carbon compounds. Silicon Dioxide.

Hazardous

Hazardous polymerization will not occur

Polymerization

SECTION 11: Toxicological Information

Possible Health Effects

Refer to Section 3.

Acute toxicity

No.

Thill

None known applicable information.

Other Health Hazard Information

None known applicable information.

SECTION 12: Ecological Effects

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Environmental Fate and Distribution

Insoluble in water. No adverse effects are predicted.

Environmental Effects

No adverse effects on aquatic organisms are predicted.

Bioaccumulation

No bioaccumulation ability

Mobility in soil

no data available

Fate and Effects in Waste Water Treatment Plants

No adverse effects on bacteria are predicted.

SECTION 13: Disposal considerations

Waste treatment methods

Product Disposal:

Dispose of in accordance with local regulations.

Packaging Disposal:

Dispose of in accordance with local regulations.

Disposal Notice:

Dispose of in accordance with local regulations.

SECTION 14: Transport Information

Road and Rail Transport

Not applicable.

Sea Transport (IMDG)

Not subject to IMDG code.

Air Transport (IATA)

Not subject to IATA regulations.

SECTION 15: Regulatory Information

Applicable Laws

Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those Relating to the safe use, production, storage and transportation of dangerous chemicals

Chemical Inventories

KECL: All ingredients listed exempt or notified.

MITI: All components are listed on ENCS or its exempt rule.

IECSD: All ingredients listed or exempt.

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AICS: All ingredients listed or exempt.
PICCS: All ingredients listed or exempt.
EINECS: Not determined.
TSCA: Not determined.
DSL: Not determined.

SECTION 16: Other Information

Further information

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.