

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

Product Identifier

Product Name: SiSiB® PC12501
Chemical Name: Bis-PEG Methyl Ether Dimethyl Silane

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

Relevant applications identified: Cosmetics

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.

Hazard Information: Not hazardous.

Avoid contact with eyes.

Route of Exposure:

Eyes Contact and Accidental Ingestion.

Possible Health Effects:

Acute

Eyes:

Direct contact may cause mild irritation.

Skin:

No significant irritation expected from a single short-term exposure.

Inhalation:

Irritates respiratory passages very slightly.

Ingestion:

Low ingestion hazard in normal use.

Chronic

Skin:

No know applicable information.

Inhalation:

No know 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.

SECTION 3: Composition/information on ingredients

Chemical characterization: Substance

Physical Form: Waxy solid (25°C)

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Color: White to light yellow

Use: Cosmetics additive

Hazardous Ingredients:

Chemical Name	CAS No	%(w/w)	Symbols & Health Risk Phrases
Octamethyl Cyclotetrasiloxane	556-67-2 / 293-51-6	≤0.1	

SECTION 4: First aid measures

Eyes: Immediately flush with water for 15 minutes.

Skin: Immediately flush with water for 5 minutes.

Inhalation: Remove to fresh air.

Ingestion: Get medical attention.

Comments: Treat according to person's condition and specifics of exposure.

Note to physicians: Treat symptomatically.

SECTION 5: Firefighting measures

Flammability: Non-flammable.

Flash point: > 212°F /100°C (Closed Cup)

Autoignition temperature: Not determined.

Lower Flammability Limit: Not determined.

Upper Flammability Limit: Not determined.

Hazardous Properties: None

Extinguishing Media:

Dry chemical, carbon dioxide, alcohol foam, universal foam, water spray.

Water can be used to cool fire exposed containers.

Special Fire Fighting Procedures and Equipment:

Self-contained breathing apparatus and protective clothing should be worn in fight large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan.

Use water spray to keep fire exposed containers cool.

Hazardous Combustion Products:

Silicon dioxide and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

Unsuitable Extinguishing Media:

None established.

SECTION 6: Accidental release measures

Personal Precaution:

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Avoid eye contact. Avoid breathing mist. Keep container closed. Do not take internally.

Environmental Precautions:

Do not flush to drain.

Methods for Cleaning up:

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply to releases and disposal of this material, as well 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. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking

Storage Condition

Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and grounding or inert gas purge. Keep container closed and away from heat, sparks, and flame.

Unsuitable Packaging Materials:

None established

SECTION 8: Exposure Controls/Personal Protection

Industrial Hygiene Standards

Ingredients

None known.

CAS No.

Exposure Limits

Engineering Controls:

Local Ventilation:

Recommended.

General Ventilation:

Recommended.

Personal Protective Equipment for

Routine Handling

Respiratory protection:

No respiratory protection should be needed.

Suitable Respirator:

None should be needed.

Eye protection:

Safety glasses/goggles should be worn if there is a danger of splashes to the eyes.

Hand protection:

Chemical protective gloves should be worn if sensitive skin is a problem or for prolonged contact.

Skin protection:

Washing at mealtime and end of shift is adequate.

Hygiene Measures:

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.

Eye protection:

Safety glasses/goggles should be worn if there is a danger of splashes to the eyes.

Skin protection:

Washing at mealtime and end of shift is adequate.

Precautionary Measures:

Avoid eye contact. Do not take internally. Use reasonable care.

SECTION 9: Physical and Chemical Properties

Physical Form:	Waxy solid (25°C)
Color:	White to light yellow
Odor:	No obvious pungent odor
pH:	Not determined.
Solubility in water:	Not determined.
Boiling Point:	Not determined.
Melting Point:	28.0-37.0°C
Autoignition temperature:	Not determined.
Explosive properties:	No
Oxidizing properties:	No
Vapor Pressure (25°C):	Not determined.
Specific Gravity:	1.04

SECTION 10: Stability And Reactivity

Stability:	Stable under normal conditions.
Reactivity:	
Conditions to Avoid:	None.
Materials to Avoid:	Oxidizing material can cause a reaction.
Hazardous Decomposition Products:	
	Silicon dioxide and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

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Hazardous Polymerization:

Hazardous polymerization will not occur.

SECTION 11: Toxicological Information

Acute oral toxicity: LD50: > 5,000 mg/kg (Rat)
Acute dermal toxicity: LD50: > 2,000 mg/kg (Rabbit)
Skin irritation: No evidence of skin irritation.
Eye irritation: No evidence of eye irritation.
Sensitization: Non-sensitizing.

SECTION 12: Ecological Effects

Elimination information No data available
(Persistence and degradability):
Ecological notes: No data available

SECTION 13: Disposal considerations

Product Disposal: Dispose of in accordance with local regulations.
Packaging Disposal: Dispose of in accordance with local regulations.

SECTION 14: Transport Information

Road and Rail Transport: Not assessed.
Sea Transport (IMDG): Not subject to IMDG code.
Air Transport (ICAO): Not subject to ICAO 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:

AICS: All ingredients listed or exempt.
DSL: All chemical substances in this material are included on or exempted from the DSL.
IECSC: All ingredients listed or exempt.
MITI: All components are listed on ENCS or its exempt rule.
KECL: All ingredients listed, exempt or notified.

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EINECS: All ingredients listed or exempt.

PICCS: All ingredients listed or exempt.

TSCA:

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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.