

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

Product Identifier

Product Name: SiSiB® PC11264
Chemical Name: Trimethylsiloxysilicate (and) Polymethylsilsesquioxane (and)
Isododecane

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

Emergency overview

Flammable liquid and vapor.

GHS Classification

Flammable liquids

Statements Symbol



Signal Word

Warning

Hazard Risk Statement

H226 Flammable liquid and vapor.

Precautionary Statement

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P233 Keep container tightly closed.

P241 Use explosion-proof electrical/ventilating/lighting/equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Physical and Chemical Hazards

Flammable liquid and vapor.

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Health Hazards

Not classified based on available information.

Environmental Hazards

Not classified based on available information.

Other Hazards

Repeated exposure may cause skin dryness or cracking. Vapors may form explosive mixture with air.

SECTION 3: Composition/information on ingredients**Chemical characterization**

Mixture

Hazardous Ingredients

Chemical Name	CAS No.	% (w/w)
Trimethylsiloxysilicate	56275-01-5	25-35%
Polymethylsilsequioxane	68554-70-1	15-25%
Isododecane	31807-55-3	45-55%

SECTION 4: First aid measures**Eye:**

Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

Skin:

No first aid required

Inhalation:

Remove to fresh air. Get medical attention if symptoms occur.

Oral:

If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

SECTION 5: Firefighting measures**Suitable 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.**Unsuitable Extinguishing Media**

High volume water jet.

Specific Hazards

None.

Special Fire Fighting 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.

Special protective equipment for the Fire Fighters

Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

SECTION 6: Accidental release measures

Personal Precautions

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

Environmental Precautions

Do not allow large quantities to enter drains or surface waters.

Methods for cleaning up

Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Wipe up or scrape up and contain for salvage or disposal. 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 absorbant 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. Keep in properly labelled containers.

Storage Condition

Keep tightly closed.

Keep in a cool, well-ventilated place.

Store in accordance with the particular national regulations.

Keep away from heat and sources of ignition.

SECTION 8: Exposure Controls/Personal Protection

Exposure Limits

Not determined.

Local Ventilation

Recommended.

General Ventilation

Recommended.

Personal Protection

Eyes

Use proper protection-safety glasses as a minimum.

Skin

Select appropriate protective clothing based on chemical resistance data and an assessment of the local exposure potential.

Inhalation

Wear the following personal protective equipment.

Suitable Gloves

Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous sub-stance and specific to place of work. Take note that the product is flammable, which may impact the selection of hand protection. Wash hands before breaks and at the end of workday.

Precautionary Measures

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

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	Colorless to Light yellow transparent liquid
Odor	Slight odor
pH	Not determined
Melting Point	Not determined
Viscosity (25°C)	30-300 cP
Refractive	1.412-1.422
Flash Point	> 45°C (Closed Cup)
Boiling Point	> 100°C
Explosive Limit	Not determined.
Vapor Pressure (25°C)	Not determined
Vapor Density (air=1)	Not determined
Water Solubility	Not determined
Partition Coefficient(n-Octanol/Water)	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature	Not determined
Evaporation Rate	Not determined
Odor Threshold	Not determined

SECTION 10: Stability And Reactivity

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Chemical Stability

Stable.

Hazardous Polymerization

Hazardous polymerization will not occur.

Conditions to Avoid:

High temperature.

Materials to Avoid

Oxidizing material can cause a reaction.

SECTION 11: Toxicological Information

Sensitizing Effects: None known.

Mutagenic Effects: None known.

Reproductive Effects: None known.

SECTION 12: Ecological Effects

Environmental Fate and Distribution

No adverse effects are predicted.

Environmental Effects

No adverse effects on aquatic organisms are predicted.

Fate and Effects in Waste Water Treatment Plants

No adverse effects on bacteria are predicted.

SECTION 13: Disposal considerations

When a decision is made to discard this material, as received, it is classified as a hazardous waste. State or local laws may impose additional regulatory requirements regarding disposal.

SECTION 14: Transport Information

UN number: Not regulated as a dangerous good.

DOT Road shipment Information: Not subject to DOT.

Ocean Shipment (IMDG): Not subject to IMDG code.

Air Shipment (IATA): Not subject to IATA regulations.

SECTION 15: Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

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Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable

Regulation (EC) No1272/2008 on classification, labeling and packaging of substances and mixtures: Not a hazardous substance or mixture

REACH-Candidate List of SVHC for authorization: Not applicable

Take note of "Regulations of Safe Use of Chemicals in Workplace", Ministry of Chemical Industry, 1996, 20th, Dec.

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.