

Version 7.1E

Page 1 / 6

Revision Date 09.04.2024

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

Product Identifier

Product Name: SiSiB® PC16512
Chemical Name: Cyclopentasiloxane (and) Dimethicone Crosspolymer

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

Classification of the substance or mixture

Not a hazardous substance or mixture.

GHS Classification

Not a hazardous substance or mixture.

GHS Label Elements

Not a hazardous substance or mixture.

Precautionary Statement Prevention

P261 Avoid breathing spray
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area

Physical and Chemical Hazards

Not classified based on available information.

Health Hazards

Not classified based on available information.

Environmental Hazards

Not classified based on available information.

Other hazards

None.

SECTION 3: Composition/information on ingredients

Version 7.1E	Page 2 / 6	Revision Date 09.04.2024
--------------	------------	--------------------------

Chemical characterization	Mixture	
Ingredients		
Chemical Name	Cyclopentasiloxane	Dimethicone crosspolymer
CAS No.	541-02-6	/
% (w/w)	80-90	10-20

SECTION 4: First aid measures

If inhaled

No first aid should be needed.

In case of skin contact

No first aid should be needed.

In case of eye contact

Immediately flush with water.

If swallowed

Get medical attention.

Comments

Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

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.

Special hazards arising from the substance or mixture

None.

Advice for firefighters

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

Hazardous Decomposition Product

Carbon monoxide, carbon dioxide.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Version 7.1E

Page 3 / 6

Revision Date 09.04.2024

Environmental precautions

Prevent further leakage to the environment.

Methods and materials for containment and 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 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 for safe handling

Use with adequate ventilation. Avoid eye contact. Avoid breathing vapor. Keep container closed. Do not take internally. Wash your hands after handling, especially before having lunch.

Storage Conditions for safe storage, including any incompatibilities

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.

SECTION 8: Exposure Controls/Personal Protection

Exposure Limits

Chemical Name	Octamethylcyclotetrasiloxane
CAS No.	556-67-2
Limits	TWA<10ppm

Personal protective equipment

Eye/face protection

Use proper protection-safety glasses as a minimum.

Skin protection

Washing at mealtime and end of shift is adequate.

Inhalation protection

No respiratory protection should be needed.

Suitable Gloves

No special protection needed.

Suitable Respirator

None should be needed.

Note

Version 7.1E	Page 4 / 6	Revision Date 09.04.2024
--------------	------------	--------------------------

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

Appearance

Form	Colorless to slight yellow transparent to slightly translucent gel
Color	Colorless to slight yellow
Odor	Odorless
Specific density	no data available (25 °C)
Flash point	>= 77 °C (closed cup)
Melting point	no data available
Boiling point	>100 °C
Vapor pressure	no data available (25 °C)
Vapor density	no data available (air=1)
Partition coefficient: n-octanol/water	no data available
Decomposition temperature	no data available
Evaporation rate	no data available
Flammability (solid, gas)	no applicable

SECTION 10: Stability And Reactivity

Chemical stability	Stable.
Hazardous Polymerization	Hazardous polymerization will not occur.
Conditions to avoid	None.
Materials to Avoid	Oxidizing material can cause a reaction.

SECTION 11: Toxicological Information

Information on toxicological effects

Information on likely routes of exposure

Inhalation, skin contact, ingestion, eye contact.

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Version 7.1E	Page 5 / 6	Revision Date 09.04.2024
--------------	------------	--------------------------

Not classified based on available information.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Specific target organ toxicity - single exposure

Not classified based on available information.

Specific target organ toxicity - repeated exposure

Not classified based on available information.

Aspiration hazard

Not classified based on available information.

Product

No aspiration toxicity classification.

SECTION 12: Ecological Effects

Aquatic and Terrestrial Ecotoxicity

Ecotoxicity Effects

Acute

No adverse effects on aquatic organisms are predicted.

Chronic

No adverse effects on aquatic organisms are predicted.

Fate and Effects in Waste

Water Treatment Plants

No adverse effects on bacteria are predicted. The siloxanes in this product do not contribute to the BOD.

Environmental Effects

In soil, siloxanes are degraded. No bioaccumulation potential. Complete information is not yet available.

Fate and Effects in Waste Water treatment plants

Complete information is not yet available.

Results of PBT and vPvB assessment

Not relevant.

Version 7.1E

Page 6 / 6

Revision Date 09.04.2024

SECTION 13: Disposal considerations

When a decision is made to discard this material, as received, it is not classified as a hazardous waste.
No 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

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) No 1272/2008 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.