

Version 7.1E

Page 1 / 6

Revision Date 19.04.2024

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

Product Identifier

Product Name: SiSiB® PC16275
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

Emergency overview

Not a hazardous substance or mixture

Appearance: Transparent to slightly translucent gel
Color: Colorless to Slight yellow
Odor: Odorless
GHS Classification: Not a hazardous substance or mixture
GHS Label Elements: Not a hazardous substance or mixture
Statements Symbol: None
Signal Word: None

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: No data available

SECTION 3: Composition/information on ingredients

Chemical characterization

Mixture

Version 7.1E	Page 2 / 6	Revision Date 19.04.2024
--------------	------------	--------------------------

Ingredients

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

Hazardous Ingredients

Chemical Name	CAS No.	% (w/w)
Octamethylcyclotetrasiloxane	556-67-2	<0.1
Cyclohexasiloxane	540-97-6	<0.5

SECTION 4: First aid measures

Eye

Immediately flush with water.

Skin

No first aid should be needed.

Inhalation

No first aid should be needed.

Oral

Get medical attention.

Comments

Treat symptomatically.

SECTION 5: Firefighting measures

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

Fire Fighting Measures

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.

Unusual Fire Hazards

isolate the area according to your local emergency plan.

Hazardous Decomposition Products

None.

Carbon monoxide, carbon dioxide.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Version 7.1E	Page 3 / 6	Revision Date 19.04.2024
--------------	------------	--------------------------

Use personal protective equipment.

Environmental precautions:

Discharge into the environment must be avoided.

Containment/Clean 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. Avoid breathing vapor. Keep container closed. Do not take internally. Wash your hands after handling, especially before having lunch.

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.

SECTION 8: Exposure Controls/Personal Protection

Exposure Limits

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

Personal Protection

Eyes

Use proper protection-safety glasses as a minimum.

Skin

Washing at mealtime and end of shift is adequate.

Inhalation

No respiratory protection should be needed.

Suitable Gloves

No special protection needed.

Suitable Respirator

None should be needed.

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 Slight yellow transparent to translucent gel
Color	Colorless to Slight yellow
Odor	Odorless
Specific Gravity (@ 25°C)	Not determined
Flash Point	≥77°C (Open cup)
Melting Point	Not determined
Boiling Point	>100°C
Vapor Pressure@ 25°C	Not determined
Vapour Density (air=1)	Not determined
Partition Coefficient	
(n-Octanol/Water)	Not determined.
Autoignition Temperature	Not determined.
Decomposition Temperature	Not determined.
Evaporation Rate	Not determined.
Flammability (Solid, Gas)	Not 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.

Version 7.1E

Page 5 / 6

Revision Date 19.04.2024

Skin corrosion/irritation:

Not classified based on available information.

Serious eye damage/eye irritation:

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.

STOT-single exposure:

Not classified based on available information.

STOT-repeated exposure:

Not classified based on available information.

Aspiration toxicity:

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 19.04.2024

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) 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.