

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

Product Identifier

Product Name: SiSiB® PC16257

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

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:

None known.

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture

Chemical Name	CAS #	%(w/w)
Dimethicone	9006-65-9	80-90
Dimethicone Crosspolymer	-	10-20

Hazardous Ingredients:		
Chemical Name	CAS#	%(w/w)
Cyclotetrasiloxane	556-67-2	<0.5
Cyclopentasiloxane	541-02-6	<0.5
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 (CO ₂), 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:	None.
Hazardous Decomposition Product:	Carbon monoxide, carbon dioxide.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Follow safe handling advice and personal protective equipment recommendations.

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

Physical Form:	Slightly translucent gel
Color	Slightly translucent gel
Odor	Odorless
Specific Gravity (@ 25°C)	Not determined.
Flash point	≥100°C (closed cup)
Melting point	Not determined.
Boiling point	>100°C
Vapor pressure@ 25°C	Not determined.
Vapor density (air=1)	Not determined.
Partition coefficient: n-octanol/water	Not determined.
Auto-ignition 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.

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 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.

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.