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

Product Identifier

Product Name: SiSiB® PC16269

INCI Name: Methyl Trimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer

Chemical Classification: Silicone Elastomer Gel

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

Hazardous classification: Aquatic Chronic 3, H412

DG classification Environmentally hazardous. Marine Pollutant

Label Elements None

Precautionary Statements Symbol None

Signal Word warning

Hazard Risk Statement H412 - Harmful to aquatic life with long lasting effects

Precautionary Statement

Do not breathe dust. Use in a well-ventilated area.

IF in eyes: This substance causes serious eye irritation. Rinse cautiously with water for several minutes. Remove conduct lenses, if present and easy to do. Continue rinsing.

Wear suitable protective clothing, gloves and eye/face protection.

Other Hazard:

Endocrine disrupting properties

This product contains octamethylcyclotetrasiloxane (D4) that has been identified by the Member State Committee of ECHA as fulfilling the PBT and vPvB criteria laid down in Annex XIII to Regulation (EC) No 1907/2006.

This product contains decamethylcyclopentasiloxane (D5) and dodecamethylcyclohexasiloxane (D6) that has been identified by the Member State Committee of ECHA as fulfilling the vPvB criteria laid down in Annex XIII to Regulation (EC) No 1907/2006.

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture

Ingredients:

Chemical Name	CAS No.	% (w/w)	CLP Classification
Methyl Trimethicone	17928-28-8	80-90	Notified classification
Dimethicone/Vinyldimethicone Crosspolymer	243137-53-3	10-20	Notified classification

Hazardous Ingredients:

Chemical Name	CAS No.	% (w/w)	CLP Classification
Cyclotetrasiloxane	556-67-2	<0.1	Aquatic Chronic 1, H410 Repr. 2, H361f Flam. Liq. 3 , H226
Cyclopentasiloxane	541-02-6	<0.5	Notified classification
Cyclohexasiloxane	540-97-6	<0.5	Notified classification

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. Determine the need to evacuate or isolate the area according to your local emergency plan. 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 Formaldehyde.

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 absorbent or cleaning materials appropriately, 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
Cyclotetrasiloxane	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	Transparent to slightly translucent gel
Color	Colorless to Slight yellow
Odor	Odorless
Specific Gravity (@ 25°C)	Not determined
Flash point	≥100°C (Open 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 toxicity	Not classified based on available information.
Product:	Not classified based on available information.

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

Material is expected to biodegrade very slowly (in the environment). Fails to pass OECD/EEC tests for ready biodegradability.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

Cyclotetrasiloxane, Cyclopentasiloxane and Cyclohexasiloxane are assessed as vPvB substance by ECHA.

SECTION 13: Disposal considerations

Product & Packaging disposal:

Do not dump into any sewers, on the ground, or into any body of water. This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 2008/98/EC.

Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

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.