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

Product Identifier

Product Name: SiSiB® PC16346

Chemical Name: Bis-PEG Dimethicone/Vinyldimethicone Crosspolymer (and) Cyclopentasiloxane

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

Label Elements Including Precautionary

Statements Symbol: None

Signal Word: None

Hazard Risk Statement: Not hazardous

Precautionary Statement

Do not breathe dust. Use in a well ventilated area. IF in eyes: 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 Hazards:

None known.

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture

Hazardous Ingredients:

Chemical Name	CAS No.	% (w/w)
Octamethylcyclotetrasiloxane	556-67-2	＜1

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

Autoignition Temperature:	Not determined.
Flammability limited in air:	Not determined.
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:	None.

Hazardous Decomposition Products

Carbon oxides and traces of incompletely burned carbon compounds.
Silicon dioxide. Formaldehyde.

SECTION 6: Accidental release measures

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

Local Ventilation	Recommended
General Ventilation	Recommended
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	Slightly translucent gel
Color	Colorless to pale yellow
Odor	Odorless
Specific Gravity（@ 25°C）	Not determined
Flash point	≥77°C (Open cup)
Melting point	Not determined
Boiling point	>100°C
Vapor Density (air=1)	Not determined
Solubility In Water	Non miscible
Viscosity(25°C, cP)	150,000~350,000
Non-Volatile Content	13~17%

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

Sensitizing Effects:	None known.
Mutagenic Effects:	None known.
Reproductive Effects:	None known.

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.

Fate and Effects in Waste Water treatment plants

Complete information is not yet available.

SECTION 13:Disposal considerations

When a decision is made to discard this material, as received, it isn't classified as a hazardous waste. No State or local laws may impose additional regulatory requirements regarding disposal.

SECTION 14:Transport Information

DOT Road shipment Information:

Normal transport, Not subject to IATA regulations.

Ocean Shipment (IMDG):

Normal transport, Not subject to ADR/RID.

Air Shipment (IATA):

Normal transport, Not subject to IMDG code.

SECTION 15:Regulatory Information

"Regulations of Safe Use of Chemicals in Workplace", Ministry of Chemical Industry,1996, 20th, Dec.
Hazard items: All components exempted.

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.