

Version 7.1W

Page 1 / 7

Revision Date 19.04.2024

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

Product Identifier

Product Name: SiSiB® PC16522
Chemical Name: Cyclopentasiloxane & Dimethicone / Vinyl
Dimethicone Crosspolymer

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

Overall Hazard Classification

Not hazardous.

Hazard Information

Not hazardous.

Avoid contact with eyes.

Route of Exposure

Eyes Contact and Accidental Ingestion.

Potential health effects

Acute

Eyes: Direct contact may cause mild irritation.

Skin: No significant irritation expected from a single short-term exposure.

Inhalation: No significant effects expected from a single short-term exposure.

Ingestion: Low ingestion hazard in normal use.

Chronic

Skin: No know applicable information.

Inhalation: No know applicable information.

Ingestion: Repeated ingestion or swallowing large amounts may injure internally.

Primary routes of entry: Eyes, ingestion.

Target organs: Eyes, digestive system.

Signs and Symptoms of Overexposure

No significant adverse effects from a single exposure expected from normal use.

Version 7.1W

Page 2 / 7

Revision Date 19.04.2024

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture

Physical Form: Transparent to translucent paste

Color: Colorless to yellowish

Use: Cosmetics additive

Hazardous Ingredients:

Chemical Name	Octamethyl cyclotetrasiloxane
CAS No.	556-67-2
% (w/w)	<1.0

SECTION 4: First aid measures

Eyes

Immediately flush with water for 15 minutes.

Skin

No first aid should be needed.

Inhalation

No first aid should be needed.

Ingestion

No first aid should be needed.

Note to physicians

Treat symptomatically.

Treatment

Treat symptomatically.

General advice

Treat symptomatically.

SECTION 5: Firefighting measures

Autoignition temperature

Not determined.

Flash point

195.8°F / 91°C.

Extinguishing Media

Dry chemical; alcohol foam; water fog.

Special protective equipment for fire-fighters

Version 7.1W

Page 3 / 7

Revision Date 19.04.2024

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Products in case of fire

Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.
Further information: Do not inhale explosion and/or combustion gases.

Hazardous decomposition

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

Products

Formaldehyde.

Lower Explosion Limit

Not Measured.

Upper Explosion Limit

Not Measured.

Flammability Class

Combustible Solid, Class I.

SECTION 6: Accidental release measures

Personal Precaution

Avoid eye contact. Do not take internally.

Environmental Precautions

Do not allow large quantities to enter drains or surface waters.

Methods for cleaning up / taking 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 spilled 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

Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Storage Conditions

Store in a ventilated and dry warehouse (0~40)°C, Keep it airtight and avoid contact with acid and alkali. Static electricity will accumulate and may ignite vapors. Prevent a possible fire hazard by bonding and

Version 7.1W

Page 4 / 7

Revision Date 19.04.2024

grounding or inert gas purge. Keep container closed and away from heat, sparks, and flame.

Further information

No special handling procedures required. Wear appropriate personal protective equipment when handling.

SECTION 8: Exposure Controls/Personal Protection

General protective measures

Do not inhale gases/vapours/aerosols. Avoid contact with eyes and skin.

Hygiene measures

Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Respiratory protection

Respiratory protection is not required.

Eye protection

Use chemical resistant goggles.

Hand protection

Wear chemical resistant gloves (butyl rubber or neoprene). Protective gloves should be inspected frequently and discarded when they exhibit cuts, tears, pinholes, or signs of excessive wear.

Clothing Requirements

Light protective clothing.

Engineering controls

Good general (mechanical) ventilation should be sufficient to control airborne levels.

SECTION 9: Physical and Chemical Properties

Physical Form	Transparent to translucent paste
Color	Colorless to yellowish
Odor	Characteristic
pH value (25 °C, 10%soln.)	Not Measured
Solubility in Water	Not determined.
Boiling Point	> 150°C
Melting Point	Not determined.
Flash Point	91 °C (Closed Cup)
Autoignition temperature	Not determined.
Explosive properties	No
Oxidizing properties	No
Vapor Pressure @ 25°C	Not determined.
Octanol/water partition coefficient	Not determined.

Version 7.1W

Page 5 / 7

Revision Date 19.04.2024

Vapour Density (air=1)

Not determined.

Viscosity

Not determined.

Molecular Weight

Not determined.

SECTION 10: Stability And Reactivity

Stability

Stable under normal conditions.

Hazardous reactions

No hazardous reactions.

Conditions to avoid

None.

Materials to avoid

Oxidizing material can cause a reaction.

Hazardous polymerization

No hazardous polymerization.

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide, metal oxides, nitrogen oxides, formaldehyde.

SECTION 11: Toxicological Information

Acute oral toxicity

Oral LD50: > 2,000 mg/kg (Rat).

Dermal LD50: > 2,000 mg/kg (Rabbit).

Skin irritation

No evidence of skin irritation.

Eye irritation

No evidence of eye irritation.

Sensitization

Non-sensitizing.

SECTION 12: Ecological Effects

Elimination information (persistence and degradability)

No data available.

Ecological notes

No data available.

Version 7.1W

Page 6 / 7

Revision Date 19.04.2024

SECTION 13: Disposal considerations

Product Disposal

Dispose of in accordance with local, state, and federal regulations. Incinerate in an authorized and permitted thermal treatment facility or chemical or biological treatment in authorized and permitted facilities is recommended.

Contaminated packaging

If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

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

United States

SARA Section 311/312: Fire: No; Pressure generating: No; Reactivity: No; Acute: Yes; Chronic: No

Notification Status: TSCA Notification: Yes

All ingredients are listed in the TSCA Inventory or comply with TSCA Polymer Exemption criteria per 40 CFR 723.

Canada

Notification Status: Canadian Environmental Protection Act, DSL

Notification: Yes

All intentional ingredients are listed on the DSL (Domestic Substance List) or have been notified pursuant to the NSN regulations.

CTFA: CTFA regulation: All components of this product are INCI (CTFA) listed or exempt.

SECTION 16: Other Information

Further information

Version 7.1W	Page 7 / 7	Revision Date 19.04.2024
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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.