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

Product Identifier

Product Name: SiSiB® PC16341
INCI Name: Dimethicone/Vinyl dimethicone Crosspolymer (and)
C12-14 Pareth-12

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For cosmetics 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

Hazard Classification: H318 Serious eye damage

Label Elements Including Precautionary

Statements Symbol:



Signal Word: Danger

Hazard Risk Statement:

H318 Causes serious eye damage.

Precautionary Statement:

P280 Wear eye protection/ face protection.
P305 + P351+ P338 +P310 If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center and/or doctor.

Other Hazard:

None known

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture

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Ingredients:

| Chemical Name | CAS No. | % (w/w) |
|---|--------------|----------|
| Dimethicone/Vinyldimethicone Crosspolymer | 1121910-42-6 | 50-70 |
| C12-14 Pareth-12 | 68439-50-9 | 4-8 |
| Aqua | 7732-18-5 | 30-40 |
| Phenoxyethanol | 122-99-6 | 0.15-1.5 |
| Ethylhexylglycerin | 70445-33-9 | 0.05-0.5 |

Hazardous Ingredients:

| Chemical Name | CAS No. | % (w/w) |
|--------------------|----------|---------|
| Cyclotetrasiloxane | 556-67-2 | <0.1 |
| Cyclopentasiloxane | 541-02-6 | <0.1 |

SECTION 4: First aid measures

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|--------------------|--------------------------------|
| Eye: | Immediately flush with water. |
| Skin: | Wash off with plenty of water. |
| Inhalation: | No first aid should be needed. |
| Oral: | Get medical attention. |
| Comments: | Treat symptomatically. |

SECTION 5: Firefighting measures

Flash Point:

>100°C (Open cup)

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

Personal Precautions:

Avoid eye contact. Avoid breathing vapor. Keep container closed. Do not take internally.

Environmental Precautions:

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

Methods for Cleaning 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 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 meals.

Storage Condition:

Stored in the sealed original containers at room temperature is recommended. Keep container closed and away from heat, sparks, and flame.

SECTION 8: Exposure Controls/Personal Protection

Exposure Limits: No exposure limits

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.

Precautionary Measures:

Avoid eye contact. Avoid skin contact. Do not breathe mist. Keep container closed. Do not take internally.

Note:

These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray

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applications may require added precautions.

SECTION 9: Physical and Chemical Properties

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| Physical Form: | Milky-white Emulsion |
| Melting Point: | Not determined. |
| Boiling Point: | ≥100°C |
| pH: | 4.0-7.5 |
| Vapor Density: | Not determined. |
| Solubility in Water: | Not determined. |
| Solid Content (120°C, 2h): | 62-68% |
| Flash Point: | >100°C (closed cup) |
| Explosive Limit: | Not determined. |
| Vapor Pressure (25°C): | Not determined. |
| Vapour Density (air=1): | Not determined. |
| Water Solubility: | Not determined. |
| Autoignition temperature: | Not determined. |
| Decomposition Temperature: | Not determined. |
| Odor Threshold: | Not determined. |
| Evaporation Rate: | Not determined. |
| Flammability (Solid, Gas): | Not applicable. |

SECTION 10: Stability And Reactivity

| | |
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| 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

Environmental Fate and Distribution

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Solid material, insoluble in water. No adverse effects are predicted.

Environmental Effects

No adverse effects on aquatic organisms are predicted.

Fate and Effects in Waste Water Treatment Plants

No adverse effects on bacteria are predicted.

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

| | |
|---------------------------------|---|
| Road and Rail Transport: | Normal transport. |
| Air Transport: | Normal transport, no subjection IATA regulations. |
| Sea Transport: | Normal transport, no subjection IMDG code. |
| Hazards identification: | None. |

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.