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

Product Identifier

Product Name: SiSiB® PC19427

Chemical Name: Dimethicone (and) Dimethiconol

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

Hazard Classification

Not hazardous

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 contact lenses, if present and easy to do. Continue rinsing.

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

Other Hazard

None known.

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture

Ingredients

| Chemical Name | CAS. No. | Conc. |
|---------------|-----------|--------|
| Dimethicone | 9006-65-9 | 75-90% |

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| Dimethiconol | 70131-67-8 | 10-25% |
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Hazardous Ingredients

| Chemical Name | CAS. No. | Conc. |
|--------------------|----------|-------|
| Cyclotetrasiloxane | 556-67-2 | <0.1% |
| Cyclopentasiloxane | 541-02-6 | <0.1% |
| Cyclohexasiloxane | 540-97-6 | <0.1% |

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.

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SECTION 6: Accidental release measures

Personal Precautions

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

Environmental Precaution

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 absorbent 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. 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

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.

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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 applications may require added precautions.

SECTION 9: Physical and Chemical Properties

| | |
|---------------------------|-----------------------------|
| Physical Form | Colorless transparent fluid |
| Viscosity (@ 25°C) | 3000~5000cP |
| Specific Gravity (@ 25°C) | 0.920~0.965 |
| Freezing/Melting Point | Not determined |
| Flash Point | ≥100°C (Closed cup) |
| Boiling Point | Not determined |
| Vapor Density | Not determined |
| Solubility In Water | Not determined |
| Refractive Index (@ 25°C) | 1.395~1.405 |
| Volatile Content | Not determined |

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

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Sensitizing Effects

None known.

Mutagenic Effects

None known.

Reproductive Effects

None known.

SECTION 12: Ecological Effects

Environmental Fate and Distribution

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

Air Transport

Normal transport, no subjection IATA regulations.

Road and Rail Transport

Normal transport.

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

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Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008

This product is not classified as dangerous according to EC criteria.

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.