

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

Product Identifier

Product Name: SiSiB® PC16223

Chemical Name: Silicone Elastomer

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

Relevant applications identified Laboratory chemicals, Manufacture of substances

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

GHS Classification

Not classified according to criteria.

Emergency:

Acute

Eyes

May cause eye irritation. May cause corneal injury.

Skin

May cause skin irritation.

Inhalation

May be harmful if inhaled. Inhalation of mist may cause damage to nasal and respiratory passages.

Ingestion

May be harmful if swallowed. May cause tissue damage.

SECTION 3: Composition/information on ingredients

Chemical Nature: Silicone Elastomer

Chemical Ingredients

| Chemical Name | CAS Code | % (w/w) |
|-----------------------|-----------|---------|
| Dimethicone | 9006-65-9 | 10--30 |
| Dimethicone Copolymer | -- | 70--90 |

Hazardous ingredients

| | | |
|--------------------|----------|----|
| Cyclotetrasiloxane | 556-67-2 | <1 |
|--------------------|----------|----|

SECTION 4: First aid measures

FIRST AID MEASURES

Eyes Contact

Immediately flush with plenty of water. Consult a physician for specific advice.

Skin Contact

Wash area with soap and water. Get medical attention if symptoms occur.

Inhalation

Move to fresh air. Get medical attention if symptoms persist.

Ingestion

Do NOT induce vomiting. Drink plenty of water. Get medical attention.

Notes to physician

There is no specific antidote., Treatment is symptomatic and supportive.

Most important symptoms/effects, acute, delayed

no data available

SECTION 5: Firefighting measures

Suitable extinguishing media

Extinguish with foam, carbon dioxide or dry powder.

Special fire-fighting procedures

Remove sources of combustibles. Extinguish the fire using fire-fighting media listed above.

Special protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Keep people away from the area.

Remove sources of ignition. Keep upwind.

Environmental precautions:

Do not allow runoff to sewer, waterway or ground.

Methods of cleaning up

Put in an empty container for recovery after preventing spill by sand or sandbags, if the amount of spill is large. Put in an empty container for recovery after wiping or soaking up in an inert material, if the amount of spill is small.

SECTION 7: Handling and storage

Advice on safe handling

Keep away from sources of ignition - No smoking.

Advice on protection against fire and explosion

Static electricity and formation of sparks must be prevented.

Requirements for storage areas and containers

All equipment used when handling the product must be grounded.

Store in a dark, cool place indoors, with container tightly closed.

Keep away from heat. Keep away from sources of ignition - No smoking.

Further information on storage conditions

No data available. Material is stable under normal conditions.

SECTION 8: Exposure Controls/Personal Protection

Engineering measures

Provide eyewash station and safety shower. Local exhaust is recommended.

Respiratory protection

No protection is ordinarily required under normal conditions of use and with adequate ventilation.

Personal Protection Hygiene measures

Avoid contact with eyes, skin. Wash hands after handling. When using do not eat, drink or smoke.

Eye protection

Safety glasses with side shields.

Hand protection

Advice: Chemical resistant gloves.

Skin and body protection

Wear suitable protective clothing and eye/face protection.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

| | |
|------------------|--|
| Appearance | Form: Crystal clear to slightly translucent gel color. |
| Ionic | NA |
| Water Solubility | Not soluble |
| Odor | Light odor |
| Odor Threshold | no data available |
| pH | no data available |
| Vapour pressure | no data available |
| Flash Point | no data available |
| Density | 0.96 g/cm ³ |
| Viscosity | 250,000-580,000 cP |
| Boiling Point | no data available |

SECTION 10: Stability And Reactivity

Conditions to avoid

no data available

Materials to avoid

no data available

Further information

No dangerous reaction if used as recommended.

Hazardous decomposition products

Carbon dioxide, Silicon dioxide. Formaldehyde. This product contains methylpolysiloxanes which can approximately 300 degrees Fahrenheit (150 ° C) and above, in atmospheres which contain oxygen.

Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard.

SECTION 11: Toxicological Information

Acute oral toxicity

Species: Rat

LD50: > 5,000 mg/kg

Acute inhalation toxicity

no data available

Acute dermal toxicity

no data available

Skin irritation

no data available

Eye irritation

no data available

Sensitization

no data available

Further information

no data available

SECTION 12: Ecological Effects

Environmental distribution

no data available

Persistence and degradability

no data available

Additional ecological information

Ecotoxicological data for this product is not available.

SECTION 13: Disposal considerations

Product

Can be incinerated in closed packaging, when in compliance with the local regulations.

Version 7.1C

Page 5 / 5

Revision Date 14.10.2024

Contaminated packaging

Dispose of as unused product.

SECTION 14:Transport Information

Further Information

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Keep away from food, drink and animal feeding stuffs.

SECTION 15:Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

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.