

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

Product Identifier

Product Name: SiSiB® PC12402

Chemical Name: Silicone Wax

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

Risk Classification (GHS): None

Label Elements & Precautionary Statements

Graphic Symbols: None

Signal Words: None

Risk Description: None

Precautionary Statements: In case of contact with eyes when processing or use, flush eyes with plenty of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids, get medical aid immediately. To keep far away from fire, and no smoking.

Other Hazards: Unknown

SECTION 3: Composition/information on ingredients

Chemical Classification: Chemically synthesized polymer

Hazardous Ingredients: None

SECTION 4: First aid measures

Eye Contact: Rinse rapidly with towel, then flush eyes with plenty of water.

Skin Contact: No first aid under routine use.

Inhalation: No first aid if inhale small amount of the substance. However, if ingest, please get medical aid immediately.

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Notes Treat symptomatically and supportively.
Symptoms and Hazards No adverse effects under normal use.

SECTION 5: Firefighting measures

Suitable Fire-fighting Media For small fire: carbon dioxide fire extinguisher; dry chemical powder; sandy soil; water. For conflagration: dry chemical fire extinguisher; foam extinguisher; water.

Prohibited Extinguishing Agent Unknown

Special Hazards During a fire, hazardous substances such as CO₂, unburnt carbon compounds, and HCHO may be generated by thermal decomposition or combustion.

Special Extinguishing Procedures According to local emergency program to determine whether evacuate or isolate the area. Use water to cool containers that are affected by fire.

Advice for Firefighters Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Lower the temperature around the fire by water.

SECTION 6: Accidental release measures

Personal Precaution No oral administration and eye contact; Avoid breathing dust; Keep containers closed.

Environmental Protection Do not let product enter drainage system, and discharge into the environment must be avoided.

Clean-up Methods Swipe up or shovel the possible combustible materials, then keep in suitable and closed containers for disposal. Avoid dust formation by using vacuum cleaner, water scrubbing and rinsing.. Or clean up the leakage materials in accordance with the local laws and regulations.

SECTION 7: Handling and storage

Precautions for Safe Handling Provide appropriate exhaust ventilation at places where dust is formed. Handle in accordance with good industrial hygiene and

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Precautions for Safe Storage

safety practice. Wash hands before breaks and at the end of workday.
 Avoid accumulation of static charges by methods of paralleling, grounding and inert gas. Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: Exposure Controls/Personal Protection

Exposure Limits	No date available
Ventilation Equipment	Recommended
Personal protective equipment under routine operation	
Respiratory Protection	In case of dust formation, wear a dust mask.
Appropriate Respirator	No special requirements
Eye Protection	Wear ordinary protective goggle.
Hand Protection	Handle with gloves if necessary.
Skin Protection	Wash and dry hands before breaks and at the end of workday.
Body Protection	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9: Physical and Chemical Properties

Appearance Form	White Solid or Paste
Odor	Special Smell
pH Value	No relevant data yet
Melting Point/Freezing Point	No relevant data yet
Boiling Point and Range	>200°C
Flash Point	>100°C (closed cup test)
Explosive Limits	No relevant data yet
Vapor Pressure (25°C)	No relevant data yet
Relative vapor pressure (Air=1)	No relevant data yet
Relative Density	0.800 ~ 0.900 g/cm ³
Water Solubility	immiscible
N-octanol/water Partition Coefficient	No relevant data yet
Auto-ignition Temperature	No relevant data yet
Decomposition Temperature	>300°C
Evaporation Rate	No relevant data yet
Flammability (Solid, Gas)	No relevant data yet

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SECTION 10: Stability And Reactivity

Chemical Stability	Stable
Possibility of Hazardous Reactions	No hazardous polymerization
Conditions to Avoid	None
Taboo Things	Oxidizing material
Hazardous Decomposition Products	Unknown

SECTION 11: Toxicological Information

Routes of Exposure	Aspiration, skin contact, and accidental ingestion
Effects and Symptoms by Excessive Contact	No adverse effects under routine use
Acute Toxicity	
Eye	Temporary red eyes and eye irritation by direct contact
Skin	No serious injury by single short time exposure
Aspiration	None to extremely low risk of ingestion under routine use
Accidental Ingestion	None to extremely low risk of ingestion under routine use
Germ Cell Mutagenicity	No relevant reports yet
Carcinogenicity	No relevant reports yet
Reproductive Toxicity	No relevant reports yet

SECTION 12: Ecological Effects

Ecological Toxicity to Aquatic and Terrestrial Animals	
Acute Effects	Little effects to aquatic animals
Effects to Waste Water Treatment Plant	No date available for the harmful effects of bacteria. The silicone in this product is not a part of BOD.
Persistence and Degradability	Degradation of silicone in soil
Bio-accumulative Potential	No bio-accumulation
Mobility in Soil	To separate the silicone from water by depositing or adhering sludge and sewage.

SECTION 13: Disposal considerations

Waste Treatment Methods	When taken as waste disposal, non-dangerous materials need to be disposed in accordance with local laws and regulations.
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Disposition Noticed

Recycle properly while dispose in accordance with local laws and regulations.

SECTION 14:Transport Information

ADR/RID

Not regulated. Non-dangerous goods, normal transport, no restriction.

IMDG

Not regulated. Non-dangerous goods, normal transport, no restriction.

IATA

Not regulated. Non-dangerous goods, normal transport, no restriction.

Special Requirements and Other Information

None

SECTION 15:Regulatory Information

Applicable Laws and Regulations

In accordance with "Regulations on Safe Use of Chemicals in Workplace" (December 20, 1996) by Ministry of Chemical Industry in China. Preparation of dangerous goods complies with the requirements of EU 1999/45/EC

Dangerous Items

None

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.