

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

Product Identifier

Product Name: SiSiB® PC11312

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

Relevant applications identified: Cosmetics Additives

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

Emergency overview	Not a hazardous substance or mixture
Appearance:	White powder
Color:	White
Odor:	Not significant
GHS Classification:	Not a hazardous substance or mixture
GHS Label Elements:	Not a hazardous substance or mixture
Statements Symbol:	None
Signal Word:	None
Precautionary Statement	
Prevention:	Avoid contact with eyes
Physical and Chemical Hazards:	Not classified based on available information
Health Hazards:	Not classified based on available information
Environmental Hazards:	Not classified based on available information
Other Hazards:	None known.

SECTION 3: Composition/information on ingredients

Chemical characterization:	Substance
INCI Name:	POLYMETHYLSILSESQUIOXAN
CAS No:	68554-70-1
Hazardous Ingredients:	No hazardous ingredients.
Organic silicon content (140°C/4h):	Min 97.00%

SECTION 4: First aid measures

Eye:	Immediately flush with water.
Skin:	No first aid should be needed.
Inhalation:	Remove to fresh air.
Oral:	Get medical attention.
Comments:	Treat symptomatically.

Important Symptoms and Hazard Effects

Contact with dust can cause mechanical irritation or drying of the skin. Dust contact with the eyes can lead to mechanical irritation.

Personal Protection for First Aid or Rescue Personnel

Respiratory Protection:	No respiratory protection should be needed.
Eye Protection:	Use proper protection - safety glasses as a minimum.
Skin Protection:	Washing at mealtime and end of shift is adequate.
Note to physicians:	Treat symptomatically and supportively.

SECTION 5: Firefighting measures

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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Specific Hazards

Do not use a solid water stream as it may scatter and spread fire. Exposure to combustion products may be a hazard to health.

Special protective equipment

Wear self-contained breathing apparatus for firefighting if necessary.

The fire-fighters

Use personal protective equipment.

SECTION 6: Accidental release measures

Personal precautions

Avoid eye contact. Do not take internally.

Environmental precautions

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

Containment/Clean up

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. 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 only with adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment. Avoid exposure to Oxidizing agents.

Storage Condition

Keep in properly labeled containers. Store in accordance with the particular national regulations. Do not store with strong oxidants.

SECTION 8: Exposure Controls/Personal Protection

Engineering measures

Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations. Apply measures to prevent dust explosions. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area.

Personal Protective Equipment

Respiratory protection

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type

Particulates type.

Eye/face protection

Wear safety goggles.

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Hand protection

No special protection needed.

Skin and body protection

Skin should be washed after contact.

Hand protection Material

Chemical-resistant gloves.

Remarks

For prolonged or repeated contact use protective gloves. Wash hands before breaks and at the end of workday.

Hygiene measures

Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. 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:	Spherical Powder
Color:	White
Odor:	No odor
Odour Threshold:	No data available.
pH:	No data available.
Melting point:	No data available.
Boiling point:	No data available.
Flash Point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability (liquids):	No data available.
Self-ignition:	The substance or mixture is not classified as pyrophoric. The substance or mixture is not classified as self heating.
Upper explosion limit:	No data available.
Lower explosion limit:	No data available.
Vapour pressure:	No data available.
Relative vapour density:	No data available.
Relative density:	1.32
Solubility(ies)Water solubility:	Insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available.

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Explosive properties: Not explosive.
Oxidizing properties: The substance or mixture is not classified as oxidizing.
Molecular weight: No data available.
Particle size: 2 µm
NOTE: The physical data presented above are typical values and should not be construed as a specification.

SECTION 10: Stability And Reactivity

Reactivity

Not classified as a reactivity hazard.

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Dust can form an explosive mixture in air. Can react with strong oxidizing agents.

Conditions to avoid

None known.

Incompatible materials

Oxidizing agents.

SECTION 11: Toxicological Information

Route of Exposure

Inhalation, Skin contact and accidental ingestion, Eye contact

Signs and Symptoms of Overexposure

No significant adverse effects from normal use.

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

SECTION 12: Ecological Effects

Aquatic and Terrestrial Ecotoxicity

Ecotoxicity Effects: No data available.

Fate and Effects in Waste Water Treatment Plants: No data available.

Persistence and Degradability

Degradation: No data available.

Bioaccumulative Potential

Bioaccumulation: No data available.

Mobility in Soil: No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations

Product Disposal

Dispose of in accordance with local regulations.

Packaging Disposal

Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

SECTION 14: Transport Information

International Regulations

UNRTDG

Not regulated as a dangerous good.

IATA-DGR

Not regulated as a dangerous good.

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IMDG-Code

Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code.

Not applicable for product as supplied.

IMDG-Code **GB 6944/12268** Not regulated as a dangerous good.

SECTION 15:Regulatory Information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals:

Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:

Not applicable

Regulation (EC) No1272/2008 on classification, labeling and packaging of substances and mixtures:

Not a hazardous substance or mixture

REACH-Candidate List of SVHC for authorization:

Not applicable

Take note of "Regulations of Safe Use of Chemicals in Workplace", Ministry of Chemical Industry, 1996, 20th, Dec.

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.