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

Product Identifier

Product Name: SiSiB® SR8630

Chemical Name: Silicone MQ Resin

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

Relevant applications identified: For industrial 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

Classification of the substance or mixture

Classification according to REGULATION (EC) No 1272/2008

Not a hazardous substance or mixture.

Label elements

Labelling according Regulation (EC) No 1272/2008

No labeling according to GHS required.

Other hazards

Risk of dust explosion. Under certain conditions, the product can eliminate ethanol (CAS No. 64-17-5). Ethanol is classified as a physical hazard and health hazard.

The hydrolysis rate of the product, and therefore also the significance of its hazard potential, are strongly dependent on the specific conditions.

SECTION 3: Composition/information on ingredients

	Cas number	Percent
Trimethylated silica	68988-56-7	＞99%

Components (remarks)

Material is not known to contain toxic chemicals or heavy metal elements under document 2005/618/ec.

SECTION 4: First aid measures

Inhalation:

If symptoms are experienced remove source of contamination or move victim to fresh air. Obtain medical

attention.

Skin contact:

No health effects expected. If irritation does occur flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Eye contact:

Do not allow patients to rub eye(s). Let the eye(s) water naturally for a few minutes. Have the victim look right, left, up and down. If particle/dust does not dislodge, flush with lukewarm, gently flowing water for 5 minutes or until the particle/dust is removed while holding eyelid(s) open. Do not attempt to manually remove anything stuck to the eye.

Ingestion:

If irritation or discomfort occur, obtain medical advice.

SECTION 5: Firefighting measures

Flash point	>212°F / >100°C (closed cup)
Autoignition temperature	not determined
Flammability limits in air	not determined

Suitable extinguishing media

Water, foam, dry chemical, CO_2. water can be used to cool fire exposed containers.

Unsuitable extinguishing media

None known

Firefighting instructions

Wear self-contained breathing apparatus. Wear full protective equipment. Keep containers cool with water spray until well after the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.

Unusual fire hazards

Static electricity may accumulate and ignite suspended dust, causing an explosion. Bond and ground containers and equipment as appropriate. Also refer to standards that describe appropriate explosion prevention practices.

SECTION 6: Accidental release measures

Methods for cleaning up

Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in section 5 and section 8. sweep, mop or wipe up and contain for salvage or disposal. Fine powders may require special vacuum filters; damp mopping or washing is preferred. Local, state and federal 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 federal, state and local laws and

regulations are applicable. Section 13 and 15 of this SDS provide information regarding certain federal and state requirements.

Note: See section 8 for personal protective equipment for spills.

SECTION 7: Handling and storage

Advice on safe handling

Avoid eye contact. Avoid breathing dust. Adequate ventilation is required. Keep container closed. Use proper ventilation and good housekeeping procedures to avoid accumulation of dust that can form ignitable dust/air mixtures. See section 8 for ventilation and inhalation recommendations. See section 5 for unusual fire and explosion hazard comments.

Storage

Do not store with oxidizing agents.

SECTION 8: Exposure Controls/Personal Protection

Engineering controls

Local ventilation: recommended.

General ventilation: recommended.

Personal protective equipment for routine handling

Eye/face protection

Safety glasses should be worn.

Respirators

General and local exhaust ventilation is recommended to maintain vapor exposure below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow osha respirator regulations (29 cfr 910.134) and use niosh / msha approved respirators.

Hand protection

Gloves are normally required.

Skin protection

Washing at mealtime and end of shift is adequate.

Hygiene measures

Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Environmental exposure controls

Refer to section 6 and 12

SECTION 9: Physical and Chemical Properties

Form	flakes
Color	white
Odor	slight odor
Specific gravity	1.23 water=1
Viscosity	not determined
Freezing/melting point	not determined
Boiling point	not determined
Vapor pressure @ 25°c	not determined
Solubility in water	not determined
Ph	not determined
Volatile content	not determined
Flash point	>212°F / >100°C (closed cup)
Autoignition temperature	not determined
Flammability limits in air	not determined

The above information is not intended for use in preparing product specifications.

SECTION 10: Stability And Reactivity

Chemical stability

Stable at normal temperature and storage conditions.

Conditions to avoid

None established.

Incompatibility with other materials

Can react with strong oxidising agents.

Decomposition

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: carbon oxides and traces of incompletely burned carbon compounds, silicon dioxide, formaldehyde.

SECTION 11: Toxicological Information

Special hazard information on components

No known applicable information.

SECTION 12: Ecological Effects

Environmental fate and distribution

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

Ecotoxicological information

No adverse effects on aquatic organisms are predicted.

Bioaccumulation

No bioaccumulation potential.

Fate and effects in waste water treatment plants

No adverse effects on bacteria are predicted.

SECTION 13: Disposal considerations

Product disposal

Dispose of in accordance with local regulations. According to the European waste catalogue, waste codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Packaging disposal

Dispose of in accordance with local regulations. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport Information

Not classified as dangerous in the meaning of transport regulations.

Proper shipping name: not regulated.

SECTION 15: Regulatory Information

TSCA status: all chemical substances in this material are included on or exempted from listing on the TSCA inventory of chemical substances.

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.