

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

**Product Identifier**

Product Name: SiSiB® SR8629

Chemical Name: MQ Silicone 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**

**Emergency Overview** Non-hazardous product.

**GHS Classification**

Not classified according to the Globally Harmonized System (GHS).

**Health Hazards**

This product is not considered hazardous to human health.

**Environmental Hazards**

This substance is not considered hazardous to the environment.

**Fire Hazards** None.

**SECTION 3: Composition/information on ingredients**

Chemical Name: Silicone Resin

| Ingredient         | Content (%) | CAS No. |
|--------------------|-------------|---------|
| Methylpolysiloxane | Min.99.5%   | /       |

**SECTION 4: First aid measures**

**Skin Contact**

Remove contaminated clothing. Wash the affected skin thoroughly with soap and plenty of water.

**Eye Contact**

Immediately lift the upper and lower eyelids and rinse cautiously with running water or normal saline for several minutes. Seek medical attention if irritation persists.

**Inhalation**

No special first-aid measures are generally required.

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**Ingestion**

Drink an adequate amount of warm water and induce vomiting if appropriate. Seek medical attention.

**SECTION 5: Firefighting measures**

**Hazardous Characteristics**

This product is not readily flammable. It will self-extinguish once the ignition source is removed.

**Hazardous Combustion Products**

Smoke, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), and silicon dioxide (SiO<sub>2</sub>) fumes may be generated during combustion.

**Suitable Extinguishing Media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical powder, sand, or water spray.

**Special Fire-Fighting Precautions**

Avoid generating airborne dust during fire-fighting operations.

**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Evacuate personnel from the contaminated area to a safe location and isolate the affected area. Restrict access. Eliminate all ignition sources. Emergency responders should wear self-contained breathing apparatus (SCBA) and full protective clothing. Stop the leak if it can be done safely.

**Environmental precautions**

Prevent dust from becoming airborne.

**Methods and materials for containment and cleaning up**

Absorb the spilled material with dry sand or other inert absorbent materials, then collect and dispose of appropriately.

**SECTION 7: Handling and storage**

**Precautions for safe handling**

Keep away from fire, sparks, and heat sources.

No smoking in the workplace.

Use explosion-proof ventilation systems and electrical equipment where applicable.

Handle carefully to avoid dropping or damaging containers and packaging.

**Conditions for safe storage, including any incompatibilities**

Store in a cool, dry, and well-ventilated warehouse.

Keep away from fire and heat sources.

Keep containers tightly closed.

Store separately from acids, alkalis, oxidizing agents, and food-grade chemicals. Avoid incompatible storage.

## SECTION 8: Exposure Controls/Personal Protection

### Exposure Limits

Condensation-type organosilicone resin; no occupational exposure limits established.

Contains no substances with occupational exposure limit values.

### Biological Exposure Indices

No data available.

### Respiratory Protection

No special protection required under normal conditions.

### Eye Protection

No special protection required.

### Body Protection

Wear impermeable protective clothing.

### Hand Protection

Wear rubber protective gloves.

### General Hygiene Measures

Smoking, eating, and drinking are prohibited in the workplace. Avoid consuming alcoholic beverages before work. Wash thoroughly and change contaminated clothing after work. Pre-employment and periodic medical examinations are recommended.

## SECTION 9: Physical and Chemical Properties

### Main Component:

Polymethylsiloxane resin

### Appearance and Physical State:

White powder

### pH:

7.0

### Melting Point:

180°C

### Viscosity (25°C, cS):

no data available

### Boiling Point:

no data available

### Relative Density (Water=1):

0.98-1.01(25°C)

### Vapor Pressure:

no data available

### Critical Temperature:

no data available

### Heat of Combustion:

no data available

### Partition Coefficient (n-Octanol/Water, log K<sub>ow</sub>):

no data available

### Critical Pressure:

no data available

### Auto-ignition Temperature:

no data available

### Flash Point:

no data available

### Upper Explosive Limit:

no data available

### Lower Explosive Limit:

no data available

### Solubility:

soluble in toluene, xylene, and ethyl acetate

## SECTION 10: Stability And Reactivity

### Reactivity

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No hazardous reactivity under normal conditions.

**Chemical stability**

Stable.

**Incompatible Materials**

Acids, alkalis, and oxidizing agents.

**Conditions to Avoid**

High temperatures and open flames.

**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products**

Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), and silicon dioxide (SiO<sub>2</sub>).

## SECTION 11: Toxicological Information

**Acute Toxicity**

No data available.

**Acute Poisoning**

No data available.

**Chronic Toxicity**

No data available.

**Skin/Eye Irritation**

Non-irritating.

**Sensitization**

No data available.

**Mutagenicity**

No data available.

**Carcinogenicity**

No data available.

**Reproductive Toxicity**

No data available.

## SECTION 12: Ecological Effects

**Ecotoxicity**

No data available.

**Biodegradability**

No data available.

**Non-biodegradability**

No data available.

**Bioaccumulative Potential**

No data available.

**Other Adverse Effects**

No data available.

## SECTION 13: Disposal considerations

**Waste Characteristics**

Non-hazardous waste.

**Disposal Methods**

Dispose of through a qualified waste disposal contractor. Incineration is the recommended disposal method.

**Disposal Precautions**

Disposal shall be carried out in accordance with applicable national and local regulations.

## SECTION 14: Transport Information

**UN number**

ADR/RID: -

IMDG: -

IATA: -

|               |            |                          |
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## UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

## Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

## Packaging group

ADR/RID: - IMDG: - IATA: -

## Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

## Special precautions for user

No data available

## SECTION 15:Regulatory Information

### Regulatory Information

The following laws, regulations, and standards have made corresponding provisions regarding the safe use, storage, transportation, classification, and labeling of chemicals:

General Rules for Classification and Labeling of Common Hazardous Chemicals (GB 13690-2009). This standard classifies chemical substances into non-hazardous categories.

Regulations on the Safety Management of Hazardous Chemicals (revised and adopted at the 144th executive meeting of the State Council on February 16,2011). The revised version was promulgated and will come into force on December 1,2011.

## 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.