

Version 7.1H

Page 1 / 7

Revision Date 2025-02-19

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

Product Identifier

Product Name: SiSiB® SR5660
Chemical Name: Methyl Phenyl 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

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. Liq. 3 H226 Flammable liquid and vapour



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Information concerning hazards for human and environment:

The product must be labelled due to the calculation procedure of Regulation (EC) No.1272/2008.

Classification system:

The classification is according to the latest edition of EU Regulation (EC) No. 1272/2008, and extended by company and literature data.

Label elements

Labelling according to Regulation (EC) No. 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms

Version 7.1H	Page 2 / 7	Revision Date 2025-02-19
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GHS02



GHS07

Signal word Warning

Hazard statements

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof [electrical/ventilating/lighting] equipment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other hazards:

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

SECTION 3: Composition/information on ingredients

Description:

Mixture of the substances listed below with nonhazardous additions.

Chemical product name: Methyl phenyl silicone resin solution

Compositions	Content	CAS No.
xylene	40%	1330-20-7
Methyl phenyl polysiloxane resin	60%	67763-03-5

SECTION 4: First aid measures

Description of first aid measures

General description: Immediately remove any clothing soiled by the product.

After inhalation: In case of unconsciousness place patient stably in side position for transportation.

Version 7.1H

Page 3 / 7

Revision Date 2025-02-19

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: If symptoms persist consult doctor.

Most important symptoms and effects, both acute and delayed:

No further relevant information available.

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing agents:

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture: No further relevant information available.

Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

Emergency treatment: evacuate the contaminated area personnel to the safe area quickly, and quarantine, strictly restrict access. Cut off the fire. It is recommended that emergency treatment personnel wear self - pressure breathing apparatus and wear general working clothes. Cut off the source as much as possible. To prevent the flow of restricted space such as sewers and drainage channels.

Small leakage: absorption by dry sand or similar substances.

Massive leakage: build a dike or dig a pit. Cover with foam and reduce steam hazards. Use the explosion-proof pump to transfer to the tank car or the special collector for recycling or transportation to the waste disposal site.

SECTION 7: Handling and storage

Operation precautions:

Avoid direct contact through technical measures and personal protective equipment.

Good ventilation benefits operation and use.

Please do not use or operate until you fully understand the safety precautions.

Avoid prolonged repeated vapor inhalation.

Take measures to prevent electrostatic discharge.

Avoid contact with heat, sparks, flames, or other ignition sources

Storage precautions:

Version 7.1H

Page 4 / 7

Revision Date 2025-02-19

Store in a ventilated, cool, and dry place.

Do not use damaged containers.

Keep away from heat sources, ignition sources, open flames, sparks, etc. Smoking is prohibited.

Recycle in a closed container.

SECTION 8: Exposure Controls/Personal Protection

Maximum allowable concentration: cross-linked silicone resin: no data;

Monitoring method: Gas chromatographic method for determination of toxic gas concentration in air.

Engineering control: the production process is closed and ventilated.

Respiratory protection: when the concentration in the air exceeds the standard, wear a self-absorption filter gas mask (half mask). For emergency rescue or evacuation, use an air breathing apparatus or an oxygen respirator.

Eye protection: wear chemical safety goggles.

Body protection: wear protective clothing.

Hand protection: wear rubber - resistant gloves.

Other protection: smoking, eating and drinking are prohibited. Avoid alcoholic beverages before work. After working, shower and change clothes. Pre-employment regular physical examination.

SECTION 9: Physical and Chemical Properties

Main ingredients: methyl silicone resin and solvent.

Appearance

Form: Liquid

Colour: Colorless transparent liquid

Odour: The special smell of aromatic hydrocarbons

Odour threshold: Not available

pH: 7.0

Change in condition

Melting point/Freezing point: no data available.

Initial boiling point and boiling range: 110.6 °C

Relative density (water = 1) : 0.98-1.01 (25°C)

Relative vapor density (air =1): no data available.

Saturated vapor pressure (kPa): no data available.

Heat of combustion (kJ/mol): no data available.

The critical temperature (°C): no data available.

Version 7.1H

Page 5 / 7

Revision Date 2025-02-19

Critical pressure (MPa): no data available.

Value of octanol/water distribution coefficient: no data available.

Flash point (°C): 4 °C

Ignition temperature (°C): no data available.

Explosion limit % (V/V): no data available.

Lower explosion limit % (V/V): no data available.

Solubility: Soluble in toluene, xylene, Cellulose acetate butyrate.

SECTION 10: Stability And Reactivity

Stability: stability

Forbidden material: forbidden storing with acid, alkali, oxidizer.

Avoid contact conditions: high heat, open flame.

Aggregation hazard: cannot occur.

Decomposition products: carbon monoxide, carbon dioxide, silicon dioxide.

SECTION 11: Toxicological Information

Acute toxicity: no data available.

Acute poisoning: no data available.

Chronic toxicity: no data available.

Irritant: human eye: 200PPM, causing irritation. The rabbit was moderately stimulated by 500 mg (24 h).

Subacute and chronic toxicity: no data available.

Mutagenicity: no data.

Teratogenicity: no data available.

Carcinogenicity: no data

SECTION 12: Ecological Effects

Ecotoxicological toxicity: no data available.

Biodegradability: no data available.

Non-biodegradable: no data available.

Biological enrichment or biological accumulation: no data.

Other harmful effects: no data available.

SECTION 13: Disposal considerations

Version 7.1H

Page 6 / 7

Revision Date 2025-02-19

Waste property: hazardous waste.

Disposal methods: refer to national and local regulations before disposal.

It is recommended that incineration be used.

SECTION 14:Transport Information

Hazards identification:

Flammable liquid, Resin solution

Suggestion according to IMO IMDG Code:

Shipping name:

ADR/RID/ADN, IMDG, IATA Resin solution

Class or Division:

ADR/RID/ADN, IMDG, IATA 3

UN Number:

ADR/RID/ADN, IMDG, IATA UN1866

Packing requirements:

Packing Group:

ADR/RID/ADN, IMDG, IATA III

Pictogram:



SECTION 15:Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

Version 7.1H	Page 7 / 7	Revision Date 2025-02-19
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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.