

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

Product Identifier

Product Name: SiSiB® LR9531

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

Overall Hazard Classification

Not hazardous

Hazard Information

Not inhalation

Keep the container on well-ventilated place

Keep away from flammable goods, don't smoking

Avoid contact with skin and eyes

Route of Exposure

Skin Contact and Accidental Ingestion

Possible Health Effects

Acute

Eyes

Direct contact may cause temporary redness and discomfort

Skin

No significant irritation expected from a single short-term exposure

Inhalation

No significant irritation expected from a single short-term exposure

Ingestion

Low ingestion hazard in normal use

Chronic

Skin

No known applicable information

Inhalation

No known applicable information

Ingestion

Repeated ingestion or swallowing large amounts may injure internally

Signs and Symptoms of Overexposure

No significant adverse effects from a single exposure expected from normal use

SECTION 3: Composition/information on ingredients

Chemical characterization

Mixture

Physical Form

liquid

Color

Transparent and semi-transparent

Version 7.1S	Page 2 / 6	Revision Date 2025-09-19
--------------	------------	--------------------------

Use Silicone rubber for molding
Hazardous Ingredients None

Chemical Name	Symbols & Health Risk Phrases	% (w/w)	CAS No.
Polydimethyl siloxane		70-80%	9006-65-9
Fumed silica	SiO ₂	20-30%	7631-86-9

SECTION 4: First aid measures

Eyes Immediately flush with water
Skin No first aid should be need
Inhalation No first aid should be need
Ingestion Get medical attention
Comments Treat according to person's condition and specifics of exposure

SECTION 5: Firefighting measures

Flammability May be combustible at high temperature
Flash point >300°C (closed cup)
Autoignition temperature Not determined
Lower Flammability Limit Not determined
Upper Flammability Limit Not determined
Hazardous Properties None

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.

Special Fire Fighting Procedures and Equipment

Self-contained breathing apparatus and protective clothing should be worn in fight large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Hazardous Combustion Products

Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde

Unsuitable Extinguishing Media

None established

SECTION 6: Accidental release measures

Personal Precaution

Avoid skin and eye contact. Avoid breathing mist. Keep container closed. Do not take internally.

Environmental Precautions

Version 7.1S	Page 3 / 6	Revision Date 2025-09-19
--------------	------------	--------------------------

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

Methods for Cleaning 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 some silicone 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 with adequate ventilation. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Storage Conditions

Use reasonable care and store away from oxidizing materials.

Unsuitable Packaging Materials

None established.

SECTION 8: Exposure Controls/Personal Protection

Engineering Controls

Local Ventilation	Recommended
General Ventilation	Suggested sue

Personal Protective Equipment for Routine Handling

Respiratory protection	None respiratory protection should be needed.
Suitable Respirator	None should be needed
Eye protection	Use proper protection - safety glasses as a minimum
Hand protection	No special protection needed
Skin protection	Washing at mealtime and end of shift is adequate
Hygiene Measures	Exercise good industrial hygiene practice. Wash after handling, before eating, drinking or smoking.

Personal Protective Equipment for Spills

Respiratory protection	None 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

Version 7.1S

Page 4 / 6

Revision Date 2025-09-19

Precautionary Measures

Avoid skin and eye contact. Avoid breathing mist. Keep container closed. Do not take internally. Use reasonable care.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Physical Form	Liquid
Color	Transparent to semi-transparent
Odor	Odorless
Flash Point	>300°C (Closed Cup)
Explosive properties	No
Oxidizing properties	No
Specific Gravity	1.11
Viscosity (25°C mpa·s)	100000

SECTION 10: Stability And Reactivity

Stability Stable

Reactivity

Conditions to Avoid

None

Materials to Avoid

Oxidizing material can cause a reaction

Hazardous Decomposition Products

Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde

Hazardous Polymerization

Hazardous polymerization will not occur

SECTION 11: Toxicological Information

Possible Health Effects Refer to Section 3

Sensitive Effects None.

Mutational Effects None.

Reproductive genetic Effects None.

Carcinogenic Effects None.

Other Health Hazard Information None.

SECTION 12: Ecological Effects

Environmental Fate and Distribution

Siloxanes are removed from water by sedimentation or binding to sewage sludge. In soil, siloxanes are degraded.

Environmental Effects

Have adverse effects on aquatic organisms.

Bioaccumulation: No bioaccumulation potential.

Fate and Effects in Waste Water Treatment Plants

The siloxanes in this product do not contribute to the BOD. No adverse effects on bacteria.

Additional Environmental Information

Degradation: Additional environmental information on the silicone component is available on request.

SECTION 13: Disposal considerations

Product Disposal

Dispose of in accordance with local regulations.

Packaging Disposal

Dispose of in accordance with local regulations.

SECTION 14: Transport Information

Road and Rail Transport

Not assessed

Sea Transport (IMDG)

Not subject to IMDG code

Air Transport (IATA)

Not subject to IATA regulations

SECTION 15: Regulatory Information

Applicable Laws

Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals.

Chemical Inventories

AICS: All ingredient listed or exempt.

DSL: All chemical substances in this material are included on or exempted from the DSL.

IECSC: All ingredients listed or exempt.

MITI: All components are listed on ENCS or its exempt rule.

KECL: All ingredients listed, exempt or notified.

EINECS: All ingredients listed or exempt.

PICCS: All ingredients listed or exempt.

TSCA: 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.