

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

**Product Identifier**

Product Name: SiSiB® LR9198

**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**

Risk categories: No harm

Lable element: No

Hazard description: No harm

**Precautionary statements**

Avoid contact with skin and eyes.

If eye contact, flush eyes with water. Please remove contact lenses before flush, if any.

If skin contact, wash in mild soap and water.

Other hazards: Unknown

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

**Substances**

Component	CAS No.	Concentration (%)
Silicone oil	63148-62-9	50-75
Homopolymer	68037-87-6	34-50
Platinum complex	68478-92-2	0.01-1
Inhibitor	78-27-3	0.01-0.5

**SECTION 4: First aid measures**

**If inhaled:**

No need to first aid.

**If skin contact:**

No need to first aid.

**If eye contact:**

As a precaution, flush eyes with clear water. Please remove contact lenses. To protect uninjured eyes. Keep eyes open and flush with clear water. If irritation persists, get medical attention immediately.

**If Ingestion:**

Keep comfortable for breathing. Do not induce vomiting. Do not drink milk and alcoholic beverage.

Never give anything by mouth to an unconscious person. If symptoms persist, please rush the victims to hospital immediately.

**Note:**

symptomatic treatment

## SECTION 5: Firefighting measures

**Fire-fighting methods:**

**Suitable extinguishing media:** LARGE FIRE, use foam or water spray. SMALL FIRE, use carbon dioxide.

**Unsuitable extinguishing media:** Uncertainty

**Special risk:** NO

**Fire fighting measures and protective measures:** Fire fighters should wear Self-Contained Breathing Apparatus in necessity. Collecting separately contaminated extinguishing water. Don't discharge into sewers. Fire residues and extinguishing water must be dealt with in accordance with local regulations. To fire protection, the cans should be stored separately into closed container, use water spray cooling the fully closed containers.

## SECTION 6: Accidental release measures

**Worker protection measures, protective equipment and emergency procedures:**

Use of personal protective equipment.

Keep good ventilation. Eliminate all sources of ignition. Evacuate people to safe areas. Beware of the accumulation, avoid contact with eyes, not to be taken orally.

**Environmental precautions:**

Prevent the leakage entry into sewer. Prevent further leakage and overflow in the case of security. If the product contamination caused by pollution of rivers, lakes or sewers, need to inform the relevant functional departments in time.

**Chemicals leaked asylum, Methods for cleaning up and use of disposal materials:**

Collect the leakage, using suitable, non-flammable inert absorbent material (e.g. sand, soil, diatomite, vermiculite, etc.) cover and absorb, the leak was collected to be dealt with in a suitable container in accordance with local regulations. (See Part 13)

## SECTION 7: Handling and storage

**Safety Handling Precautions:**

Use sufficient ventilation exhaust equipment, avoid contact with eyes, not to be taken orally. To implement good industrial hygiene measures. Wash thoroughly after handling, especially before eating or smoking.

**Storage tips:**

Be careful, keep away from the oxide material.

**Unsuitable for packaging materials:**

Undetermined

**SECTION 8: Exposure Controls/Personal Protection**

**Control parameters**

**Personal protective equipment:**

Respiratory protection: Don't need to use respiratory protective equipment.

Hand protection: Don't need special protection.

Eye protection: Use appropriate protection, wear appropriate safety goggles.

Skin protection: Wash thoroughly before meals and after work.

Personal hygiene measures: To implement good industrial hygiene practices, please wash after handling, especially before eating or smoking.

**Remark:** When the materials are heated to above 150°C, may release a bit of formaldehyde, it requires have sufficient ventilation and exhaust equipment.

**SECTION 9: Physical and Chemical Properties**

**Information on basic physical and chemical properties**

Appearance	Clear liquid
Odor	Slight smell
Odor Threshold	no data available
pH	no data available
Melting point/freezing point	no data available
Initial boiling point and boiling range	no data available.
Flash point	>100 °C - closed cup
Evaporation rate	no data available
Flammability (solid, gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapor pressure	no data available
Vapor density	no data available
Density	1.01-1.10 g/cm <sup>3</sup> at 25 °C
Water solubility	water-immiscible
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available

Version 7.1R

Page 4 / 6

Revision Date 19.04.2025

Decomposition temperature no data available

Viscosity 3015 cP at 25 °C

Explosive properties no data available

Oxidizing properties no data available

**Other safety information**

no data available

## SECTION 10: Stability And Reactivity

**Reactivity**

no data available

**Chemical stability**

Stable

**Possibility of hazardous reactions**

Hazardous polymerization does not occur.

**Materials to avoid**

Can be react with strong oxidant

**Hazardous decomposition products**

Carbon dioxide and a bit of carbide of incomplete combustion, carbon dioxide, formaldehyde, nitrogen monoxide.

## SECTION 11: Toxicological Information

**Routes of exposure:** inhalation, skin contact and accidentally swallowed

**The effects and symptom of excessive contact:** under normal use, no significant adverse effects

**Acute toxicity:**

Eyes: Direct contact may cause temporary redness and uncomfortable symptoms

Skin: Exposure to a single time there will be no significant impact

Ingestion: In normal use, only have slightly hazardous

Inhalation: Exposure to a single time there will be no significant impact

**Chronic toxicity:**

Skin: No data

Ingestion: Repeated or large quantities of ingestion may cause internal damage

Inhalation: No data

**Other health hazard information:** No data

## SECTION 12: Ecological Effects

**Ecotoxicity Effects**

Acute effects: No harmful effects to aquatic organisms

Version 7.1R	Page 5 / 6	Revision Date 19.04.2025
--------------	------------	--------------------------

Chronic effects: No harmful effects to aquatic organisms

Effects of wastewater treatment plants: No harmful effects to germ, adhesion with sewage sludge, can be removed more than 90%, siloxane in the product is not part of the BOD.

**Persistence and Biodegradability**

Products of Biodegradability: Siloxane degradation in soil

**Bioaccumulation:** No ability

**Mobility in Soil:** Through sedimentation or adhesion to sewage sludge.

**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**

**UN number**

ADR/RID: -

IMDG: -

IATA: -

**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: -

**Packing 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**

**Applicable Laws:**

Workplace safe use of chemicals (1996 department of labor issued 423 document)

General Rule for Classification and Dangerous announcement of Chemicals [GB13690-2009].

**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.