

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

**Product Identifier**

Product Name: SiSiB® PSA508

**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**

Colorless transparent viscous liquid. Insoluble in water

**Classification according to GHS**

Flammable liquids (2)

Skin corrosion/irritation (2)

Specific target organ toxicity, single exposure; Narcotic effects (3)

Specific target organ toxicity, repeated exposure (2)

Reproductive toxicity (2)

**Label elements Hazard pictogram(s)**



**Signal word**

Danger

**Hazard statement(s)**

H225

Highly flammable liquid and vapour

H315

Causes skin irritation

H336

May cause drowsiness or dizziness

H373

May cause damage to organs through prolonged or repeated exposure

H361

Suspected of damaging fertility or the unborn child

**Precautionary statement(s)**

P210

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

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P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P261	Avoid breathing dust, mist.
P271	Use only outdoors or in a well-ventilated area.
P260	Do not breathe dust, fume, gas, mist, vapours and spray.
P203	Obtain, read and follow all safety instructions before use.
<b>Response</b>	
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P370 + P378	In case of fire, use the appropriate type of fire extinguisher to extinguish the blaze.
P302 + P352	IF ON SKIN: Wash with plenty water.
P321	Specific treatment (See additional emergency instructions).
P332 + P317	If skin irritation or rash occurs: Get medical help.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P304 + P340: IF INHALED	Remove person to fresh air and keep comfortable for breathing.
P319	Get medical help if you feel unwell.
P318	IF exposed or concerned, get medical advice
<b>Storage</b>	
P403 + P235	Store in a well-ventilated place. Keep cool.
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
<b>Disposal</b>	
P501	Send contents to approved waste treatment plants.
<b>Other hazards</b>	
None	

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

**Chemical characterization: Mixture**

Chemical Composition	CAS No.	EC#	Weight%
Dimethyl siloxane	63148-62-9	613-156-5	58-62
Toluene	108-88-3	203-625-9	32-40
Xylene	1330-20-7	215-535-7	2-6

## SECTION 4: First aid measures

### Description of first aid measures

#### General advice

Normal use does not require special measures, industrial production in the long term, refer to the following:

#### After eye contact

Flush eyes with water.

#### After skin contact

Wash with water and soap.

#### After inhalation

Remove victim to fresh area.

#### After swallowing

Do not induce vomiting. Get medical attention.

**Personal protective equipment for first-aid responders:** No data available.

**Most important symptoms/effects, acute and delayed:** No data available.

**Indication of immediate medical attention and special treatment needed:** No data available.

## SECTION 5: Firefighting measures

### Extinguishing media

Use extinguishing agent suitable for local conditions and the surrounding environment. Such as dry powder, CO<sub>2</sub>.

### Unsuitable extinguishing media

No data available.

### Specific Hazards arising from the chemical

No data available.

### Specific protective actions for fire-fighters

Protective equipment: Wear self-contained respirator. Wear fully protective impervious suit.

## SECTION 6: Accidental release measures

Normal use does not require special measures, industrial production in the long term, refer to the following:

### Personal precautions

Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation

### Protective equipment

No data available.

**Emergency procedures**

Remove ignition sources, evacuate area. Sweep up using a method that does not generate dust. Collect as much of the spilled material as possible, placed the spilled material into a suitable disposal container. Keep spilled material out of sewers, ditches and bodies of water.

**Environmental precautions**

Do not allow material to be released to the environment without proper governmental permits.

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

For all waste handling must refer to United Nations, National and Local Regulations for disposal. See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: Handling and storage**

Normal use does not require special measures, industrial production in the long term, refer to the following:

**Precautions for safe handling**

Storage in a cold, dry, well-ventilated environment. Store away from food and water supplies. Wash your hands thoroughly before eating and drinking. Storage of chemicals needed to prevent the generation and accumulation of static electricity when handling the container.

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

Store in a cool, dry, well-ventilated place. Keep away from heat, avoiding the long time of sunlight. Keep container tightly sealed

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

**Control parameters**

CAS No.	ACGIH	NIOSH	OSHA
63148-62-9	N/A	N/A	N/A
108-88-3	TLV-TWA 20ppm	REL-TWA 100ppm	PEL-TWA 200ppm PEL-TWA 750mg/m <sup>3</sup>
1330-20-7	N/A	N/A	N/A

**Engineering control**

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Remove all soiled and contaminated clothing immediately.

Wash hands before breaks and at the end of work.

**Personal Protective Equipment**

**Respiratory protection**

Wear suitable protective mask in order to reduce the respiratory system. A large number of leakages,

wear chemical protective clothing, including self-contained breathing apparatus.

**Hand Protection**

Wear appropriate protective gloves to reduce skin contact.

**Eyes Protection**

Wear safety goggles or eye protection combined with respiratory protection.

**Skin and Body Protection**

Working environment required, wear suitable protective clothing to minimize contact with skin. The type of protective equipment must be according to the concentration and the content of certain hazardous substances in the workplace.

**SECTION 9: Physical and Chemical Properties**

**Information on basic physical and chemical properties**

Color:	Colorless transparent
Physical State:	Viscous liquid
Odor:	Not available
pH:	N/A
Melting point/freezing point:	Not available
Boiling point or initial boiling point and boiling range:	>35°C
Flash Point:	<0°C (Closed cup).
Flammability:	Flammable.
Solubility:	Insoluble in water
Lower and upper explosion limit/flammability limit:	Auto-ignition temperature: Not available
Decomposition temperature:	Not available
Kinematic viscosity:	Not available
Partition coefficient: n-octanol/water (log value):	Vapour pressure: Not available
Density and/or relative density:	Not available
Relative vapour density:	Not available
<b>Particle characteristics:</b>	Not available

**SECTION 10: Stability And Reactivity**

**Chemical stability**

Stable

**Possibility of hazardous reactions**

no data available

**Conditions to avoid**

Incompatible materials

**Incompatible materials**

No data available

**Hazardous decomposition products**

Carbon oxide

## SECTION 11: Toxicological Information

### Acute toxicity

CAS No	LC50/LD50
63148-62-9	No data available
108-88-3	LD50 Rat (oral): 4800mg/kg; LD50 Rabbit (dermal): 14100mg/kg LC50 Rat (Inhalation: Vapours): 18mg/L
1330-20-7	LD50 Rat (oral): 3500mg/kg

**Skin corrosion/irritation:** No data available.

**Serious eye damage/irritation:** No data available.

**Respiratory or Skin sensitization:** No data available.

**Germ Cell mutagenicity:** No data available.

**Carcinogenicity:** No data available.

**Reproductive toxicity:** No data available

**Specific target organ toxicity-Single exposure:** No data available.

**Specific target organ toxicity-Repeated exposure:** No data available.

**Aspiration hazard:** No data available.

**Information on the likely routes of exposure:** No data available.

**Eye:** No data available.

**Skin:** No data available

**Ingestion:** No data available.

**Inhalation:** No data available.

## SECTION 12: Ecological Effects

**CAS# 108-88-3**

**Ecological Toxicity:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative Potential:** Bioconcentration in aquatic organisms is low to moderate. (BCF: 13 and 90)

**Mobility in Soil:** Expected to have high to moderate mobility in soil. (Koc:

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37-178)

**Other adverse effects:**

No data available.

**CAS# 1330-20-7**

**Ecological Toxicity:**

LC50: 3.3mg/L- fish (Rainbow Trout)- 96h

**Persistence and degradability:**

No data available.

**Bioaccumulative Potential:**

Bioconcentration in aquatic organisms is low. (BCF:14.8)

**Mobility in Soil:**

Expected to have moderate mobility in soil. (Koc: 166-275)

**Other adverse effects:**

No data available.

### SECTION 13: Disposal considerations

**Disposal methods**

**Recommendation**

Consult state, local or national regulations to ensure proper disposal.

**Uncleaned packaging**

**Recommendation**

Disposal must be made according to official regulations.

### SECTION 14: Transport Information

**UN or ID Number**

**IMDG:**

UN1133

**Proper Shipping Name/Description**

**IMDG:**

ADHERSIVES

**Class or Div. (Sub Hazard)**

**IMDG:**

3

**Packing Group**

**IMDG:**

II

**Hazard Label**

**IMDG**



**Environmental hazards**

No

**Marine pollutant:**

**IMDG EmS:**

F-E, S-D

**Special precautions for user**

No information available.

Transport Fashion:

By sea.

**SECTION 15: Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

CAS No.	TSCA	IECSC	DSL/NDSL	EINECS/ELINCS/NLP
63148-62-9	Listed	Listed	Listed DSL	Listed
108-88-3	Listed	Listed	Listed DSL	Listed
1330-20-7	Listed	Listed	Listed DSL	Listed

**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.