

**SECTION 1: Identification of the substance/mixture and of the company****Product Identifier**Product Name: SiSiB<sup>®</sup> ASS8050**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****POTENTIAL HEALTH EFFECTS****Swallowing****Acute effects**

No evidence of harmful effects from available information.

**Effects of repeated overexposure**

Ingestion may cause:

injury to the liver

injury to the thyroid

injury to the kidney

**Skin absorption****Acute effects**

No evidence of harmful effects from available information.

**Effects of repeated overexposure**

May cause the following effects:

skin irritation

**Inhalation****Acute effects**

Harmful effects are not expected from static vapor at ambient temperature. Inhalation of an aerosol of the neat material within a confined space could result in respiratory distress and eye injury.

**Effects of repeated overexposure**

An aerosol of the neat liquid may cause:

damage to respiratory tract

injury to the eyes

injury to the nasal cavity

injury to the blood forming system

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**Skin contact****Acute effects**

Brief contact is not expected to produce irritation.

Prolonged contact may result in:

minor irritation

transient local redness

swelling

**Eye contact****Acute effects**

Liquid splashed into the eye causes discomfort.

Causes the following effects:

pain

excess blinking

tear production

excess redness of the conjunctivae

swelling of the conjunctivae

mild corneal injury

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

Component Name	CAS NO.	CONCENTRATION
Polyalkyleneoxide Modified Heptamethyltrisiloxan	67674-67-3	50%
Silica	10279-57-9	50%

**SECTION 4: First aid measures****Swallowing**

No emergency care anticipated.

**Skin**

Wash skin with soap and water.

**Inhalation**

Remove to fresh air if aerosol spray is inhaled. If breathing is difficult, administer oxygen. Obtain medical attention immediately.

**Eye contact**

Immediately flush eyes with water and continue washing for several minutes. Obtain medical attention.

**Notes to physician**

Severe eye irritant. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

**SECTION 5: Firefighting measures**

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**Extinguishing media**

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide(CO<sub>2</sub>), dry chemical or water spray. Water can be used to cool fire exposed containers.

**Fire Fighting Measures**

Self-contained breathing apparatus and protective clothing should be worn in fighting 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.

**Unusual fire hazards** None.

**Hazardous decomposition products**

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

**SECTION 6: Accidental release measures****Personal precautions**

Avoid contact with liquid and vapors: Wear suitable protective equipment.

**Environmental precautions**

Expected to be toxic to aquatic life: Avoid discharge to sewers and natural waters.

**Methods for cleaning up**

Cover with absorbent or contain.

Collect for disposal.

Observe government regulations.

**SECTION 7: Handling and storage****HANDLING****Handling precautions**

Avoid contact with eyes. Do not breathe vapor, mist or aerosol. Use with adequate ventilation. Do not swallow.

Wash thoroughly after handling.

**Other precautions**

Consult the manufacturer before using an aerosol of the neat liquid.

**STORAGE**

Storage requirements

Keep container closed.

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

There are no components with workplace exposure limits.

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**Personal Protective Equipment****Eyes:** Use proper protection-safety glasses as a minimum.**Skin:** Washing at mealtime and end of shift is adequate.**Suitable gloves:** No special protection needed.**Inhalation:** No respiratory protection should be needed.**Suitable respirator:** None should be needed.**SECTION 9: Physical and Chemical Properties**

<b>Appearance:</b>	White powder
<b>Surface tension (0.1%):</b>	<22 mN/m
<b>Cloud point (0.2%):</b>	<10 °C
<b>Solubility in water:</b>	Soluble
<b>Upper explosion limits:</b>	Not available
<b>Lower explosion limits:</b>	Not available
<b>Percent volatiles:</b>	Not determined
<b>Molecular weight:</b>	Copolymer
<b>Flash point</b>	>118 °C (245 °F)
<b>Autoignition temperature</b>	Not determined.
<b>Flammability limits in air</b>	Not determined.

**SECTION 10: Stability And Reactivity****Stability:** Stable.**Stability - Conditions to avoid**

None known.

**Incompatible materials**

None currently known.

**Hazardous combustion products****Burning can produce the following combustion products:**

Oxides of carbon.

Oxides of silicon.

Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant.

Acute overexposure to the products of combustion may result in irritation of the respiratory tract.

**Hazardous polymerization:** Will not occur.**Hazardous polymerization - Conditions to avoid**

None known.

**SECTION 11: Toxicological Information**

**SWALLOWING****Test results**

Acute toxicity: LD50 Rats

Result: > 2,000 mg/kg

Remark: no toxicity

**SKIN ABSORPTION****Test results**

Acute toxicity: LD50

Result: > 4,000 mg/kg

Remark: no toxicity

**SKIN CONTACT****Test results**

Skin irritation: Species: Rabbit

Result: Mild irritation

Acute toxicity: LD50

Result: > 4,000 mg/kg

Remark: no toxicity

**SKIN CONTACT****Test results**

Skin irritation: Species: Rabbit

Result: Mild irritation

**SECTION 12: Ecological Effects****AQUATIC TOXICITY**

Acute toxicity fish:

LC50 Rainbow trout

Result: 4.5 mg/l

Exposure time: 96 h

Acute toxicity fish:

NOEC Rainbow trout

Result: 3.2 mg/l

Exposure time: 96 h

Acute toxicity to aquatic invertebrates:

EC50 Daphnia magna

Result: 24 mg/l

Exposure time: 48 h

Acute toxicity to aquatic invertebrates:

NOEC Daphnia magna

Result: 5.6 mg/l

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Exposure time: 48 h

**Ecotoxicological information**

No data at this time.

**Chemical fate information**

No data at this time

**SECTION 13: Disposal considerations**

General: Incinerate in a furnace where permitted under appropriate Federal, State, and 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****Chemical name****CAS#**

Polyalkyleneoxide Modified Heptamethyltrisiloxan 67674-67-3

Silica 10279-57-9

EPA Hazard Categories (SARA 311, 312): Immediate Health Hazard, Delayed Health Hazard

**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

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guarantee for any specific product features and shall not establish a legally valid contractual relationship.