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

### Product Identifier

Product Name: SiSiB® STP92030

### 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

The product has not been classified as hazardous according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Not classified

### Label Elements Not applicable

Supplemental label information

EUH210: Safety data sheet available on request

**Other hazards** Product is inert and stable as thick clear liquid. With metal catalysts will hydrolyse with formation of low levels of methanol and ethanol vapour and crosslink into a solid polymer. Releases ethanol, CAS 64-17-5, at level less than 1.0 percent volume of resin. Methanol is also released, CAS 67-56-1 at levels less than 0.5 percent. Methanol is a poison at higher absorption or inhalation. Ethanol at low levels is metabolised and not considered a poison. Methanol and ethanol are easily absorbed into skin or inhaled as a vapour. Normal use of resin as polymer and sealant product has very low ethanol and methanol emission levels when the product is cured by moisture in normal conditions. Maintain good ventilation and avoid enclosed areas in the Factory.

## SECTION 3: Composition/information on ingredients

### Chemical nature

Chemical nature: STP POLYMER

### Mixtures

General information: No data available.

## SECTION 4: First aid measures

### Description of first aid measures

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**General information:**

In case of accident or if you feel unwell seek medical advice (show label or SDS where possible).

**If inhaled**

Provide fresh air.

**In case of skin contact**

Wash with plenty of water or water and soap. In the event of a visible skin change or other complaints, seek medical advice (show label or SDS where possible).

**In case of eye contact**

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

**If swallowed**

Give several small portions of water to drink. Do not induce vomiting.

**Most important symptoms and effects, both acute and delayed**

Any relevant information can be found in other parts of this section.

**Indication of any immediate medical attention and special treatment needed**

No data available.

**SECTION 5: Firefighting measures**

**Extinguishing media**

**Suitable extinguishing media**

Alcohol resistant foam. Carbon dioxide Dry chemical.

**Unsuitable extinguishing media:**

Avoid water in straight hose stream; will scatter and spread fire.

**Special hazards arising from the substance or mixture**

In case of fire, carbon monoxide and carbon dioxide may be formed.

**Advice for firefighters**

**Special protective equipment for firefighting:**

Take precautionary measures against static discharges. To prevent and minimize fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system.

**Special protective equipment for fire-fighters:**

Wear self-contained breathing apparatus and protective clothing.

**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Avoid contact with eyes, skin, and clothing. Avoid contact with liquid and vapors. Use personal protective equipment. Use only in well-ventilated areas.

**Environmental precautions**

Do not allow runoff to sewer, waterway or ground.

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

Absorb spillage with suitable absorbent material. Shovel up and place in a container for salvage or disposal.

**Reference to other sections**

Remove sources of ignition. In case of spills, beware of slippery floors and surfaces. See Section 8 of the SDS for Personal Protective Equipment. Collect and dispose of spillage as indicated in section 13 of the SDS.

**SECTION 7: Handling and storage**

**Precautions for safe handling:**

Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Wash hands after handling. Provide adequate ventilation. Avoid inhalation of dust and vapors.

**Storage conditions:**

Keep container tightly closed. Keep away from sources of ignition - No smoking.

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

**Conditions for storage rooms and vessels:**

Observe local/state/federal regulations.

**Advice for storage of incompatible materials:**

Observe local/state/federal regulations.

**Further information for storage:**

Store in a dry and cool place. Protect against moisture. Store container in a well-ventilated place.

**Specific end use(s)**

No data available.

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

**Control Parameters**

**Occupational Exposure Limits**

None of the components have assigned exposure limits.

**Biological Limit Values**

None.

**Exposure controls**

**Appropriate Engineering Controls:**

Provide eyewash station and safety shower. General (mechanical) room ventilation is expected to be satisfactory if handled at low temperatures or in covered equipment.

**Individual protection measures, such as personal protective equipment**

**General information:**

Use only in well-ventilated areas. Do not eat, drink or smoke when using the product. Wash hands after

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handling. Practice good housekeeping.

**Eye/face protection:**

Safety glasses with side-shields conforming to EN166

**Skin protection**

**Hand Protection:**

Advice: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries. Protective gloves made of: Neoprene Nitrile rubber. Polyvinyl chloride (PVC).

**Other:**

Safety shoes Wear suitable protective clothing

**Respiratory Protection:**

Respiratory protection mask with Filter type ABEK Respirator with a vapour filter (EN 141)

**Hygiene measures:**

Do not breathe vapour/aerosol. When using do not eat, drink or smoke. Use only with adequate ventilation.

Wash thoroughly after handling

**Environmental exposure controls:**

No release to wastewater from process as such, wastewater emissions limited to release generated from final equipment cleaning step using water

**SECTION 9: Physical and Chemical Properties**

**Information on basic physical and chemical properties**

Physical state	liquid
Form	No data available
Color	Yellow
Odor	Slight odor
Odor Threshold	No data available
pH	6.0-9.0
Freezing point	No data available
Boiling Point	> 250 °C
Flash Point	≥ 237 °C
Evaporation Rate	No data available
Flammability Limit - Upper (%)	No data available
Flammability Limit - Lower (%)	No data available
Vapor pressure	No data available
Vapor density (air=1)	No data available
Density	1.0 g/cm <sup>3</sup>
Relative density	No data available
Solubility in Water	Reactive
Pow:	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
SADT	No data available
Viscosity, dynamic	6000-10000 cP
Explosive properties	No data available
Oxidizing properties	No data available

## SECTION 10: Stability And Reactivity

### Reactivity

No data available

### Chemical Stability

Material is stable under normal conditions

### Possibility of hazardous reactions

Hazardous polymerisation does not occur

### Conditions to avoid

Keep away from sources of ignition - No smoking. High Temperatures Moisture

### Incompatible Materials

Acids. Bases. Strong oxidizing agents. Water

### Hazardous Decomposition Products

In case of fire, gives off (emits): Carbon oxides Oxides of silicon

## SECTION 11: Toxicological Information

### Information on likely routes of exposure

Inhalation: No data available.

Ingestion: No data available.

Ingestion: No data available.

### Information on toxicological effects

#### Acute toxicity

##### Oral

Product: No data available.

Specified substance(s)

Organosilane Ester No data available.

##### Dermal

Product: No data available.

Specified substance(s)

Organosilane Ester No data available.

##### Inhalation

Product: No data available.

Specified substance(s)

Organosilane Ester No data available.

#### Repeated dose toxicity

Product: No data available.

Specified substance(s) No data available.

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Organosilane Ester

**Skin Corrosion/Irritation:**

Product: No data available.

Specified substance(s) No data available.

Organosilane Ester

**Serious Eye Damage/Eye**

Irritation:

Product: No data available.

Specified substance(s)

Organosilane Ester No data available.

**Respiratory or Skin Sensitization**

Product: No data available

Specified substance(s)

Organosilane Ester No data available.

**Germ Cell Mutagenicity**

**In vitro**

Product: No data available.

Specified substance(s) No data available.

Organosilane Ester

**In vivo**

Product: No data available.

Specified substance(s) No data available.

Organosilane Ester

**Carcinogenicity**

Product: No data available.

Specified substance(s) No data available.

Organosilane Ester

**Reproductive toxicity**

Product: No data available.

Specified substance(s) No data available.

Organosilane Ester

**Specific Target Organ Toxicity - Single**

**Exposure**

Product: No data available.

Specified substance(s) No data available.

Organosilane Ester

**Specific Target Organ Toxicity - Repeated**

**Exposure**

Product: No data available.

Specified substance(s) No data available.

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Organosilane Ester

**Aspiration Hazard**

Product: No data available.  
 Specified substance(s) No data available.  
 Organosilane Ester  
 Other effects No data available.

**SECTION 12: Ecological Effects**

**Toxicity**

**Acute toxicity**

Fish

Product: No data available.  
 Specified substance(s)  
 Organosilane Ester  
 No data available.

**Aquatic Invertebrates**

Product: No data available.  
 Specified substance(s) No data available.  
 Organosilane Ester

**Aquatic Invertebrates**

Product: No data available.  
 Specified substance(s) No data available.  
 Organosilane Ester

**Toxicity to Aquatic Plants**

Product: No data available.  
 Specified substance(s) No data available.  
 Organosilane Ester

**Persistence and Degradability**

**Biodegradation**

Product: No data available.  
 Specified substance(s) No data available.  
 Organosilane Ester

**BOD/COD Ratio**

Product: No data available.  
 Specified substance(s) No data available.  
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**Bioaccumulative potential**

Product: No data available.

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Specified substance(s) hydrolyses The product is not bioaccumulating.

Organosilane Ester

**Mobility in soil**

Known or predicted distribution to environmental compartments

Organosilane Ester No data available.

**Results of PBT and vPvB**

assessment:

Organosilane Ester No data available.

Other adverse effects none known

**SECTION 13: Disposal considerations**

**Waste treatment methods**

**Material**

General information:

See Section 8 for information on appropriate personal protective equipment. The generation of waste should be avoided or minimized wherever possible. Do not discharge into drains, water courses or onto the ground.

Disposal methods:

Can be incinerated when in compliance with local regulations.

**SECTION 14: Transport Information**

**Land transport ADR and RID**

Road ADR:

Valuation Not regulated for transport

Railway RID:

Valuation Not regulated for transport

**Transport by sea IMDG-Code**

Valuation Not regulated for transport

**Air transport ICAO-TI/IATA-DGR**

Valuation Not regulated for transport

**Environmental hazards**

Hazardous to the environment: no

**Special precautions for user**

Relevant information in other sections has to be considered.

**Transport in bulk according to Annex II of MARPOL and the IBC Code**

Bulk transport in tankers is not intended.

## SECTION 15:Regulatory Information

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

GB13690-2009: General Rules for classification and hazard communication of chemicals

Order of the State Council of the People's Republic of China (No.591): Regulations on the Safety Administration of Hazardous Chemicals

GB 6944-2012: Classification and code of dangerous goods

GB 12268-2012: List of dangerous goods

GB190-2009: Packing symbol of dangerous goods

GB/T 16483-2008 Safety data sheet for chemical products-content and order of sections;

GB/T 17519-2013 Guidance of the compilation of safety data sheet for chemical products;

GB15258-2009 General Rules for preparation of precautionary label for chemicals;

GB 30000.2-2013 - GB30000.29-2013 Rules for classification and labelling of chemicals;

GBZ/T210.1-2019 Occupational exposure limits for hazardous agents in the workplace— Part 1: Chemical hazardous agents

### **Chemical safety assessment**

For information on safety please refer to other sections of this document.

## 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.