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

Product Name: SiSiB® PC8802  
 Chemical Name: 1,3-Diphenyl-1,1,3,3-tetrakis(dimethylsiloxy)-disiloxane

**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****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

**Adverse physicochemical, human health and environmental effects**

No additional information available

**Label elements****Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

No labelling applicable

**Other hazards**

No additional information available

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

**Substance type** Multi-constituent  
**Name** 1,3-DIPHENYLTETRAKIS(DIMETHYLSILOXY)DISILOXANE, 95%  
**CAS-No.** 66817-59-2

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,3-Diphenyltetrakis(dimethylsiloxy)disiloxane	(CAS-No.) 66817-59-2	> 95	Not classified

Full text of H-statements: see section 16

**Mixtures**

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Not applicable

**SECTION 4: First aid measures****Description of first aid measures****First-aid measures general**

Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.

**If inhaled**

Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

**In case of skin contact**

Wash with plenty of water/....

**In case of eye contact**

Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

**If swallowed**

Never give anything by mouth to an unconscious person. Get medical advice/attention.

**Most important symptoms and effects, both acute and delayed****Symptoms/injuries after inhalation**

No information available.

**Symptoms/injuries after skin contact**

May cause skin irritation.

**Symptoms/injuries after eye contact**

May cause eye irritation.

**Symptoms/injuries after ingestion**

No information available.

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

No additional information available

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**

Water spray. Water fog. Foam. Carbon dioxide. Dry chemical.

**Unsuitable extinguishing media**

None known.

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

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Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

**Advice for firefighters****Firefighting instructions**

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

**Protection during firefighting**

Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapor and mist.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Emergency procedures Evacuate unnecessary personnel.

**For emergency responders**

Protective equipment Equip cleanup crew with proper protection.

**Environmental precautions:**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Methods for cleaning up Clean up any spills as soon as possible, using an absorbent material to collect it. Sweep or shovel spills into appropriate container for disposal.

**Reference to other sections**

See section 8. Exposure controls and personal protection.

**SECTION 7: Handling and storage****Precautions for safe handling**

Precautions for safe handling Avoid all eye and skin contact and do not breathe vapor and mist. Provide good ventilation in process area to prevent formation of vapor.

**Hygiene measures**

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

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

Technical measures: Ground/bond container and receiving equipment.

Storage conditions: Keep container tightly closed.

Incompatible materials: Alkalis. Metal salts. Oxidizing agent. Precious metals.

Storage area: Store in a well-ventilated place. Store away from heat.

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**Specific end use(s)**

No data available

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

No additional information available

**Appropriate engineering controls:**

Provide local exhaust or general room ventilation.

**Personal protective equipment:**

Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Hand protection:**

Neoprene or nitrile rubber gloves

**Eye protection:**

Chemical goggles. Contact lenses should not be worn

**Skin and body protection:**

Wear suitable protective clothing

Respiratory protection:

NIOSH-certified organic vapor (black cartridge) respirator.

**SECTION 9: Physical and Chemical Properties****Information on basic physical and chemical properties**

Appearance	Form: clear liquid
Molecular mass	527.03 g/mol
Color	no data available
Odor	no data available
Odor Threshold	no data available
Refractive index	1.4367
pH	no data available
Relative evaporation rate (butyl acetate=1)	no data available
Melting point	< 0 °C
Freezing point	no data available
Boiling point	95 - 96 °C @ 0.25 mm Hg
Flash point:	>110 °C
Auto-ignition temperature	265 °C
Decomposition temperature	no data available
Flammability (solid, gas)	no data available

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Vapor pressure:	no data available
Relative vapor density at 20 °C	> 1
Relative density	0.992
Solubility	Insoluble in water
Log Pow	no data available
Log Kow	no data available
Viscosity, kinematic	no data available
Viscosity, dynamic	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Explosive limits	no data available

**Other information**

no data available

**SECTION 10: Stability And Reactivity****Reactivity**

no data available

**Chemical stability**

Stable in sealed containers stored under a dry inert atmosphere.

**Possibility of hazardous reactions**

The product can generate small amounts of hydrogen when exposed to alkalis and protic materials such as water and alcohol in combination with metal salts such as aluminum chloride or precious metals such as platinum.

**Conditions to avoid**

Heat. Open flame. Sparks

**Incompatible materials**

Alkalis. Metal salts. Oxidizing agent. Precious metals.

**Hazardous decomposition products**

Hydrogen. Organic acid vapors. Silicon dioxide.

**SECTION 11: Toxicological Information****Information on toxicological effects**

Acute toxicity:	Not classified
Skin corrosion/irritation:	Not classified
Serious eye damage/irritation:	Not classified
Respiratory or skin sensitisation:	Not classified
Germ cell mutagenicity:	Not classified

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Carcinogenicity:	Not classified
Reproductive toxicity:	Not classified
STOT-single exposure:	Not classified
STOT-repeated exposure:	Not classified
Aspiration hazard:	Not classified
Symptoms/effects after inhalation:	No information available.
Symptoms/effects after skin contact:	May cause skin irritation.
Symptoms/effects after eye contact:	May cause eye irritation.
Symptoms/effects after ingestion:	No information available.

## SECTION 12: Ecological Effects

### Toxicity

Acute aquatic toxicity	Not classified
Chronic aquatic toxicity	Not classified

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Results of PBT and vPvB assessment

No additional information available

### Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### Waste treatment methods

Product/Packaging disposal recommendations:

Incinerate. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials:

Avoid release to the environment.

## SECTION 14: Transport Information

### UN number

In accordance with ADR / RID / IMDG / IATA / ADN

UN-No. (ADR) Not applicable

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UN-No. (IMDG)	Not applicable
UN-No. (IATA)	Not applicable
UN-No. (ADN)	Not applicable
UN-No. (RID)	Not applicable
<b>UN proper shipping name</b>	
Proper Shipping Name (ADR)	Not applicable
Proper Shipping Name (IMDG)	Not applicable
Proper Shipping Name (IATA)	Not applicable
Proper Shipping Name (ADN)	Not applicable
Proper Shipping Name (RID)	Not applicable
<b>Transport hazard class(es)</b>	
<b>ADR</b>	
Transport hazard class(es) (ADR)	Not applicable
<b>IMDG</b>	
Transport hazard class(es) (IMDG)	Not applicable
<b>IATA</b>	
Transport hazard class(es) (IATA)	Not applicable
<b>ADN</b>	
Transport hazard class(es) (ADN)	Not applicable
<b>RID</b>	
Transport hazard class(es) (RID)	Not applicable
<b>Packing group</b>	
Packing group (ADR)	Not applicable
Packing group (IMDG)	Not applicable
Packing group (IATA)	Not applicable
Packing group (ADN)	Not applicable
Packing group (RID)	Not applicable
Environmental hazards	
Dangerous for the environment	No
Marine pollutant	No
Other information	No supplementary information available
<b>Special precautions for user</b>	
<b>Overland transport</b>	
No data available	
<b>Transport by sea</b>	
No data available	
<b>Air transport</b>	
No data available	
<b>Inland waterway transport</b>	
No data available	

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**Rail transport**

No data available

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

Not applicable

**SECTION 15:Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture****EU-Regulations**

No REACH Annex XVII restrictions

1,3-DIPHENYLTETRAKIS(DIMETHYLSILOXY)DISILOXANE, 95% is not on the REACH Candidate List

1,3-DIPHENYLTETRAKIS(DIMETHYLSILOXY)DISILOXANE, 95% is not on the REACH Annex XIV List

1,3-DIPHENYLTETRAKIS(DIMETHYLSILOXY)DISILOXANE, 95% is not subject to REGULATION (EU)

No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

1,3-DIPHENYLTETRAKIS(DIMETHYLSILOXY)DISILOXANE, 95% is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

**National regulations****Germany**

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Netherlands**

SZW-lijst van kankerverwekkende stoffen

The substance is not listed

SZW-lijst van mutagene stoffen

The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding

The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

The substance is not listed

**Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16:Other Information****Further information**



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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.