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

Product Identifier

Product Name: SiSiB® PC9284
Chemical Name: 3H,5H-Octamethyltetrasiloxane
CAS-No.: 16066-09-4

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

Eye

Direct contact may cause temporary redness and discomfort.

Skin

No significant irritation expected from a single short-term exposure.

Inhalation

No significant effects expected from a single short-term exposure.

Oral

Low ingestion hazard in normal use

SECTION 3: Composition/information on ingredients

CAS NO.	Component Name
16066-09-4	3H,5H-Octamethyltetrasiloxane

SECTION 4: First aid measures

Eye Immediately flush with water.
Skin No first aid should be needed.
Inhalation No first aid should be needed.
Oral No first aid should be needed.
Comments Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable Carbon dioxide.
Alcohol resistant foam.
Dry chemical powder.

Unsuitable no data

Special hazards arising from the substance or mixture

Toxic.

Corrosive.

In combustion toxic fumes may form.

Advice for firefighters

Wear self-contained breathing apparatus.

Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Evacuate the area immediately.

Do not attempt to take action without suitable protective clothing – see section 8 of SDS.

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

Methods and materials for containment and cleaning up

Mix with sand or vermiculite.

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

SECTION 7: Handling and storage

Precautions for safe handling

Safe Handling Ensure there is sufficient ventilation of the area.
Do not eat, drink or smoke when using this product.
Wash handsoroughly after handling.

Protection against Wash contaminated clothing before reuse.
explosions and fires

Conditions for safe storage, including any incompatibilities

Managing Storage Risks Store in cool, well-ventilated area.
Keep container tightly closed.

Storage Controls No special requirements

Maintaining Integrity Keep in tightly closed container in cool area away from direct sunlight or

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heat sources.

Other advice

no further information available

Specific end use(s)

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

SECTION 8: Exposure Controls/Personal Protection

Control parameters

No Data Available

Exposure controls

General protective and hygiene measures

Wear protective gloves/protective clothing/eye protection/face protection.

Wash hands during breaks and at the end of handling the material

Immediately remove any contaminated clothing

Engineering measures

Use only outdoors or in a well-ventilated area.

Eye/face protection

Safety Glasses with side-shields.

Hand protection

Protective gloves.

Respiratory protection

Do not breathe dust/fume/gas/mist/vapours/spray.

Use breathing protection with high concentrations

Skin protection

Handle with gloves.

Gloves must be inspected prior to use.

Use proper glove removal technique to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practice.

Wash and dry hands. Protective clothing.

Other personal protection advice

no data

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance

liquid

Color

colorless

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Odor	no data available
Odor Threshold	no data available
pH	6.0-7.0
Melting point/freezing point	> 150°C CSTP(unless assigned copolymer)
Refractive index	1.386
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
Relative density	0.858
Water solubility:	no data available
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
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 under recommended storage conditions.

Possibility of hazardous reactions

no data available

Conditions to avoid

no specific conditions to avoid

Incompatible materials

Strong oxidizing agents

Hazardous decomposition products

In combustion emits toxic fumes.

SECTION 11: Toxicological Information

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Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

strong corrosive effect on skin and mucous membranes

Serious eye damage/eye irritation

irritant effect strong corrosive effect.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

not known

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

Inhalation - May cause respiratory irritation.

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Additional Information

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from the EPA, IARC,

NTP, OSHA or ACGIH

SECTION 12: Ecological Effects

Toxicity

no data available

Persistence and degradability

no data available

Bioaccumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

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Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

SECTION 13: Disposal considerations

Waste treatment methods

Disposal Operations

Disposal of Packaging

Disposal must be made according to official 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

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.
TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances:

None.

Section 304 CERCLA Hazardous Substances:

None.

Section 312 Hazard Class:

Acute: No

Chronic: No

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Fire: No

Pressure: No

Reactive: No

Section 313 Toxic Chemicals:

None present or none present in regulated quantities.

New Jersey

CAS Number

16066-09-4

Component Name

3H,5H-Octamethyltetrasiloxane

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.