

Version 5.1R

Page 1 / 5

Revision Date 12.10.2018

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

Product Name: SiSiB® PC9181
Chemical Name: Phenylmethylcyclosiloxanes

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

Hazardous in case of skin contact irritant
Carcinogenic effects not available
Mutagenic effects not available
Teratogenic effects not available
Developmental toxicity not available
Other hazards none

SECTION 3: Composition/information on ingredients

Synonyms Methylphenylcyclosiloxanes

Phenylmethylcyclosiloxanes is composed of triisomers, tetraisomers and pentaisomers. The detail is:

Contents	CAS No.	Specification
1,3,5-trimethyl-1,3,5-triphenylcyclotrisiloxanes	546-45-2	20-50%
1,3,5,7-tetramethyl-1,3,5,7-tetraphenylcyclotetrasiloxanes	77-63-4	55-75%
1,3,5,7,9-pentamethyl-1,3,5,7,9-pentaphenylcyclopentasiloxanes	34239-75-3	0-20%

SECTION 4: First aid measures**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

Not available.

In case of skin contact

After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the

Version 5.1R

Page 2 / 5

Revision Date 12.10.2018

contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. Since the product can readily penetrate the protective epidermal layer and cause rashes or eczema, a good hand cream should be used after washing affected areas. Seek medical attention. Wash contaminated clothing before reusing.

Serious Skin Contact

Not available.

In case of eye contact

No known effect on eye contact, rinse with water for a few minutes.

If swallowed

Seek immediate medical attention.

SECTION 5: Firefighting measures**Suitable extinguishing media:** Carbon dioxide (CO₂) Dry powder**Flammability of the Product:** May be combustible at high temperature.**Auto-Ignition Temperature:** Not available.**Flash Points:** >200°C, closed cup.**Flammable Limits:** Not available.**Products of Combustion:** These products are carbon and silicon oxides (CO, CO₂, SiO₂).**Fire Hazards in Presence of Various Substances:**

Not available.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Special Remarks on Fire Hazards:

Not available.

Special Remarks on Explosion Hazards:

Not available

Special protective equipment for fire-fighters:

Wear self contained breathing apparatus for fire fighting if necessary.

SECTION 6: Accidental release measures

Spill: Use appropriate tools to put the spilled material in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

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

Version 5.1R

Page 3 / 5

Revision Date 12.10.2018

Keep away from heat and sources of ignition.

Conditions for safe storage

Keep container in a dry and cool place. Away from strong oxidizing agents.

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

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Personal Protection:

Safety glasses. lab coat. Be sure to use an approved respirator or equivalent gloves.

Personal Protection in Case of a Large Spill:

A self contained breathing apparatus should be used to avoid inhalation of the product.

Exposure Limits: Not available.

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

Physical state	liquid or some crystals
Color	colorless
pH	no data available
Vapor pressure	no data available
Evaporation Rate	no data available
Boiling point	160-245°C, 1mmHg
Crystal's Melting Point	40-99°C
Flash Point	>200°C, closed cup
Decomposition Temperature	no data available
Solubility	insoluble in cold water
Density	1.125g/cm ³ , 20°C
Molecular Formula	(-SiCH ₃ (C ₆ H ₅)O-)n n=3,4,5
Refractive index	1.545

SECTION 10: Stability And Reactivity**Chemical stability**

Stable under recommended storage conditions.

Incompatibility with various substances

Not available.

Corrosivity: No.

Version 5.1R

Page 4 / 5

Revision Date 12.10.2018

SECTION 11: Toxicological Information

Routes of Entry: Ingestion.
Toxicity to Animals: Not available..
Chronic Effects on Humans: Not available.
Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation: lung irritant
Slightly hazardous in case of skin contact: irritant

SECTION 12: Ecological Effects

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegradation: Not available
Toxicity of the Products of Biodegradation: Not available

SECTION 13: Disposal considerations

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe national and local environmental regulations.

SECTION 14: Transport Information

DOT Classification: Not a DOT controlled material (United States).
Identification: Not applicable.
Special Provisions for Transport: Not applicable.

SECTION 15: Regulatory Information

EINECS:
This product is on the European Inventory of Existing Commercial Chemical Substances.
WHMIS (Canada):
Not controlled under WHMIS (Canada).
DSCL (EEC):
R37- Irritating to respiratory system.
HMIS (U.S.A.):
Health Hazard: 1; Fire Hazard: 1; Reactivity : 1; Personal Protection : E

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.