

Version 7.1E

Page 1 / 6

Revision Date 11.04.2024

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

Product Identifier

Product Name: SiSiB® PC19746
Chemical Name: Decamethylcyclopentasiloxane
CAS: 541-02-6

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

Emergency overview: Not a hazardous substance or mixture
Appearance: Transparent liquid
Color: Colorless
Odor: Odorless
GHS Classification: Not a hazardous substance or mixture
GHS Label Elements: Not a hazardous substance or mixture
Statements Symbol: None
Signal Word: None
Precautionary Statement:
Prevention: P261 Avoid breathing spray
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area
Physical and Chemical Hazards: Not classified based on available information
Health Hazards: Not classified based on available information
Environmental Hazards: Not classified based on available information
Other Hazards: None known.

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture.

Hazardous Ingredients:

Version 7.1E	Page 2 / 6	Revision Date 11.04.2024
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Chemical Name	CAS No.	% (w/w)
Decamethylcyclopentasiloxane	541-02-6	<10

SECTION 4: First aid measures

- Eye:** Immediately flush with water.
Skin: No first aid should be needed.
Inhalation: Remove to fresh air.
Oral: Get medical attention.
Comments: Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing Media:

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), 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: Formaldehyde.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions:

Discharge into the environment must be avoided.

Containment/Clean up:

Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

Version 7.1E	Page 3 / 6	Revision Date 11.04.2024
--------------	------------	--------------------------

SECTION 7: Handling and storage

Handling Precautions:

Avoid eye contact. Do not breathe spray or mist. Do not take internally.

Storage Condition:

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

SECTION 8: Exposure Controls/Personal Protection

Exposure Limits:

Chemical Name	CAS No.	Limits
Decamethylcyclopentasiloxane	541-02-6	TWA < 10ppm

Personal Protection

Eyes:

Use proper protection-safety glasses as a minimum.

Skin:

Washing at mealtime and end of shift is adequate.

Inhalation:

No respiratory protection should be needed.

Suitable Gloves:

No special protection needed.

Suitable Respirator:

None should be needed.

Note:

These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

SECTION 9: Physical and Chemical Properties

Physical Form:	Colorless transparent fluid
Color:	Colorless
Odor:	Odorless
Specific Gravity (@ 25°C):	0.950~0.970
Flash Point:	>100°C (Closed Cup)
Melting Point:	245°C
Boiling Point:	Not determined
Vapor Pressure @25°C:	Not determined
Vapour Density (air=1):	Not determined

Version 7.1E

Page 4 / 6

Revision Date 11.04.2024

Partition Coefficient

(n-Octanol/Water): No data available

Autoignition Temperature: Not determined

Decomposition Temperature: Not determined

Evaporation Rate: Not determined

Flammability (Solid, Gas): Not determined

Ph: Not determined

SECTION 10: Stability And Reactivity

Chemical Stability:

Stable.

Hazardous Polymerization:

Hazardous polymerization will not occur.

Conditions to Avoid:

None.

Materials to Avoid:

Oxidizing material can cause a reaction.

SECTION 11: Toxicological Information

Information on toxicological effects

Information on likely routes of exposure:

Inhalation, skin contact, ingestion, eye contact.

Acute toxicity:

Not classified based on available information.

Skin corrosion/irritation:

Not classified based on available information.

Serious eye damage/eye irritation:

Not classified based on available information.

Respiratory or skin sensitization Skin sensitization:

Not classified based on available information.

Respiratory sensitization:

Not classified based on available information.

Germ cell mutagenicity:

Not classified based on available information.

Carcinogenicity:

Not classified based on available information.

Reproductive toxicity:

Version 7.1E

Page 5 / 6

Revision Date 11.04.2024

Not classified based on available information.

STOT-single exposure:

Not classified based on available information.

STOT-repeated exposure:

Not classified based on available information.

Aspiration toxicity:

Not classified based on available information.

Product:

No aspiration toxicity classification.

SECTION 12: Ecological Effects

Aquatic and Terrestrial Ecotoxicity

Ecotoxicity Effects: Acute: Complete information is not available.

Chronic: No adverse effects on aquatic organisms are predicted.

Fate and Effects in Waste

Water Treatment Plants: No adverse effects on bacteria are predicted. The siloxanes in this product do not contribute to the BOD.

Environmental Effects

No adverse effects on aquatic organisms are predicted.

Fate and Effects in Waste Water treatment plants

No adverse effects on aquatic organisms are predicted.

Results of PBT and vPvB assessment:

Not relevant.

SECTION 13: Disposal considerations

When a decision is made to discard this material, as received, it isn't classified as a hazardous waste, no state or local laws may impose additional regulatory requirements regarding disposal.

SECTION 14: Transport Information

UN number:

Not regulated as a dangerous good.

DOT Road shipment Information:

Normal transport, not subject to IATA regulations.

Ocean Shipment (IMDG):

Normal transport, not subject to ADR/RID.

Version 7.1E	Page 6 / 6	Revision Date 11.04.2024
--------------	------------	--------------------------

Air Shipment (IATA):

Normal transport, not subject to IMDG code.

SECTION 15: Regulatory Information

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

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable
Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures: Not a hazardous substance or mixture

REACH-Candidate List of SVHC for authorization: Not applicable

REACH: All ingredients are currently pre/registered or exempt under REACH.

Take note of "Regulations of Safe Use of Chemicals in Workplace", Ministry of Chemical Industry, 1996, 20th, Dec.

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.