

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

Product Identifier

Product Name: SiSiB® PC19736

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

GHS Classification: Not hazardous.

Flammable liquids: Category 4

GHS Label Elements

Signal Word: Warning

Hazard Risk Statement:

H227 Combustible liquid.

Precautionary Statement:

Prevention:

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P280 Wear protective gloves/ eye protection/ face protection.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other Hazard: Vapors may form explosive mixtures with air

SECTION 3: Composition/information on ingredients

Chemical characterization: Mixture

Hazardous Ingredients: None

SECTION 4: First aid measures

Eye: Immediately flush with water. Get medical attention if irritation develops and persists.

Skin: Wash with water and soap as a precaution. Get medical attention if symptoms occur.

Inhalation: Remove to fresh air. Obtain medical attention.

If Swallowed: If swallowed, DO NOT induce vomiting.

Get medical attention if symptoms occur.

Rinse mouth thoroughly with water.

Comments: Treat symptomatically.

SECTION 5: Firefighting measures

Suitable extinguishing media: Water spray
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical

Unsuitable extinguishing media: High volume water jet

Specific hazards during fire fighting:

Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Fire burns more vigorously than would be expected. Exposure to combustion products may be a hazard to health.

Hazardous combustion products: Carbon oxides Silicon oxides Formaldehyde

Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so.

Evacuate area.

Special protective equipment for firefighting:

Wear self-contained breathing apparatus if necessary. Use personal protective equipment.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Remove all sources of ignition.

Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions:

Discharge into the environment must be avoided.

Prevent further leakage or spillage if safe to do so.

Prevent spreading over a wide area (e.g. by containment or oil barriers).

Retain and dispose of contaminated wash water.

Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:

Version 7.1E	Page 3 / 7	Revision Date 18.04.2024
--------------	------------	--------------------------

Non-sparking tools should be used. Soak up with inert absorbent material.

Suppress (knock down) gases/vapors/mists with a water spray jet.

For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.

Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

Local or national 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 regulations are applicable.

Sections 13 and 15 of this SDS provide information regarding certain local or national requirements

SECTION 7: Handling and storage

Technical measures:

See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.

Local/Total ventilation: Use with local exhaust ventilation.

Use only in an area equipped with explosion proof exhaust ventilation.

Advice on safe handling:

Handle in accordance with good industrial hygiene and safety practice.

Keep container tightly closed.

Keep away from heat and sources of ignition.

Take precautionary measures against static discharges.

Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage:

Keep in properly labeled containers.

Keep tightly closed.

Keep in a cool, well-ventilated place.

Store in accordance with the particular national regulations. Keep away from heat and sources of ignition.

Materials to avoid:

Do not store with the following product types:

Strong oxidizing agents

Explosives

Gases

SECTION 8: Exposure Controls/Personal Protection

Version 7.1E	Page 4 / 7	Revision Date 18.04.2024
--------------	------------	--------------------------

Exposure Limits: No exposure limits

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:	liquid
Color:	Colorless transparent fluid
Odor:	Odorless
Specific Gravity (@ 25°C) :	0.950~0.970
Flash Point:	>100°C (Opened Cup)
Melting Point:	Not determined
Boiling Point:	210°C
Vapor Pressure @25°C:	0.015 KPa at 20°C.
Vapor Density (air=1):	Not determined.
Partition Coefficient(n-Octanol/Water):	< 0.05 mg/l at 25°C.
Autoignition Temperature:	392°C
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

Acute toxicity

Version 7.1E	Page 5 / 7	Revision Date 18.04.2024
--------------	------------	--------------------------

On contact with eyes:	May cause temporary discomfort.
On skin contact:	No adverse effects are normally expected.
If inhaled:	No adverse effects are normally expected.
On ingestion:	No adverse effects are normally expected.
Inhalation LC50 (Rat):	8.67 mg/l - 4hr dust/mist
Chronic toxicity	
On skin contact:	No adverse effects are normally expected.
If inhaled:	No adverse effects are normally expected.
On ingestion:	No adverse effects are normally expected.

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

SECTION 13: Disposal considerations

Disposal methods

Resource Conservation and Recovery Act (RCRA):

This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

Do not burn, or use a cutting torch on, the empty drum.

If not otherwise specified: Dispose of as unused product.

SECTION 14: Transport Information

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 / 7	Revision Date 18.04.2024
--------------	------------	--------------------------

Air Shipment (IATA): Normal transport, Not subject to IMDG code.

SECTION 15:Regulatory Information

EPCRA-Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Fire Hazard

SARA 302:

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

US State Regulations

Pennsylvania Right To Know

Decamethylcyclopentasiloxane	541-02-6	50 - 70 %
Dodecamethyl cyclohexasiloxane	540-97-6	30 - 50 %

New Jersey Right To Know

Decamethylcyclopentasiloxane	541-02-6	50 - 70 %
Dodecamethyl cyclohexasiloxane	540-97-6	30 - 50 %

California Prop. 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

The ingredients of this product are reported in the following inventories:

NZIoC: All ingredients listed or exempt.

REACH: All ingredients (pre-)registered or exempt.

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

PICCS: All ingredients listed or exempt.

KECI: All ingredients listed, exempt or notified.

ENCS/ISHL: All components are listed on ENCS/ISHL or exempted from inventory listing.

IECSC: All ingredients listed or exempt.

AICS: All ingredients listed or exempt.

DSL: All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

TCSI: All ingredients listed or exempt.

Version 7.1E	Page 7 / 7	Revision Date 18.04.2024
--------------	------------	--------------------------

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.