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

Product Identifier

Product Name: SiSiB® PC12010-1.5

Chemical Name: Dimethicone

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For Cosmetics 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

Regulation (EC) No 1272/2008

Flammable liquids Category 4 - (H227)

Label Elements

Signal word Not classified

Symbols/Pictograms'

Hazard statements Not classified

H227 - Combustible liquid

Other Hazards

Other hazards Combustible liquid

General Hazards Not applicable

SECTION 3: Composition/information on ingredients

Substances

Chemical Name Decamethyltetrasiloxane

CAS-No. 141-62-8

EC-No. 205-491-7

Molecular Weight 310.69

Formula C₁₀H₃₀O₃Si₄

Weight 100%

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Classification according to Regulation (EC) No. 1272/2008 [CLP] Flam. Liq. 4 (H227)

SECTION 4: First aid measures

Description of first aid measures

General advice	Consult a physician if necessary.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
Skin Contact	Wash skin with soap and water.
Eye contact	Wash with plenty of water.
Ingestion	Never give anything by mouth to an unconscious person. Clean mouth with water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special hazards arising from the substance or mixture

Specific hazards arising from the chemical No information available

Hazardous combustion products Carbon oxides

Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

For emergency responders Use personal protection recommended in Section 8..

Environmental precautions:

Environmental precautions See Section 12 for additional Ecological Information.

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Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.
 Methods for cleaning up Pick up and transfer to properly labeled containers.

Reference to other sections

See Section 12: ECOLOGICAL INFORMATION.

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.
 General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container tightly closed in a dry and well-ventilated place.

Specific end uses

Risk Management Methods (RMM) The information required is contained in this Material Safety Data Sheet.

SECTION 8: Exposure Controls/Personal Protection

Control parameters

Exposure Limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL) No information available.

Predicted No Effect Concentration (PNEC) No information available.

Exposure controls

Engineering Controls Showers
 Eyewash stations
 Ventilation systems
 Eye/face protection Wear safety glasses with side shields (or goggles).
 Skin and Body Protection Wear protective gloves and protective clothing.
 Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for

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high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Environmental exposure controls

No information available.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

Property	Value	Method
Appearance		
Physical state / form:	liquid	
Color:	colorless, clear	
Odor		
Odor:	odorless	
Odor limit		
Odor limit	no data available	
PH-Value		
PH-Value:	approx. 7 (92 g/l H ₂ O)	
Melting point/freezing point		
Melting point / melting range:	- 65 °C	
Initial boiling point and boiling range		
Boiling point / boiling range:	> 200 °C at 0, 6 h Pa	
Flash point:	63 °C – closed cup	
Upper/lower flammability or explosive limits		
Lower explosion limit (LEL):	not applicable	
Upper explosion limit (UEL):	not applicable	
Vapor pressure		
Vapor pressure:	not applicable	
Solubility (ies)		
Water solubility / miscibility:	virtually insoluble	
Vapor density		
Relative gas/vapor density:	no data known	
Relative density		
Relative density:	approx.0, 92 (25 °C) (Water / 4 °C = 1, 00)	(DIN 51757)
Density:	approx.0, 92 g/cm ³ (25 °C)	(DIN 51757)
Partition coefficient: n-octane/water		
Partition coefficient: n-octane/water:	no data known	
Auto-ignition temperature		

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Ignition temperature: 350 °C (EN 14522)

Decomposition temperature

Thermal decomposition Decomposition begins at > 250 °C

Viscosity

Viscosity (dynamic): 1.5 mPa.s at 25 °C (DIN 53019)

Viscosity (kinematic): approx. 5 mm²/s at 25 °C (DIN 53019)

Other information

No data available.

SECTION 10: Stability And Reactivity

Reactivity

Reactivity Not applicable

Chemical stability

Stability Stable under recommended storage conditions.

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

Possibility of hazardous reactions

Hazardous polymerization No information available.

Possibility of Hazardous Reactions None under normal processing.

Conditions to avoid

Conditions to avoid Extremes of temperature and direct sunlight.

Incompatible materials

Incompatible materials Strong oxidizing agents.

Hazardous decomposition products

Hazardous Decomposition Products Carbon oxides.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Unknown acute toxicity 100% of the mixture consists of ingredient(s) of unknown toxicity.

SECTION 12: Ecological Effects

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Toxicity

Ecotoxicity May cause long lasting harmful effects to aquatic life.
 Unknown aquatic toxicity 100% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

Persistence and degradability

Persistence and degradability No information available.

Bioaccumulative potential

Bioaccumulation No information available.

Mobility in soil

Mobility No information available.

Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

Other adverse effects

Other adverse effects No information available.

SECTION 13: Disposal considerations

Waste treatment methods

Waste from residues/unused products Disposal should be in accordance with applicable regional, national and local laws and regulations.
 Contaminated packaging Do not reuse container.

SECTION 14: Transport Information

Road ADR

Valuation Not regulated for transport.

Railway RID

Valuation Not regulated for transport.

Transport by sea IMDG-Code

Valuation Not regulated for transport.

Air transport ICAO-TI/IATA-DGR

Valuation Not regulated for transport.

Environmental hazards

Hazardous to the environment No

Special precautions for user

Relevant information in other sections has to be considered.

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

Bulk transport in tankers is not intended.

SECTION 15:Regulatory Information

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

National Regulations

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

International Inventories

All of the components in the product are on the following Inventory lists

TSCA (United States): Canada (DSL/NDSL) Europe (EINECS/ELINCS/NLP) Australia (AICS) China (IECSC) ENCS (Japan): Philippines (PICCS)

Chemical name	Decamethyltetrasiloxane
TSCA	X
DSL	X
NDSL	-
EINECS	X
ELINCS	-
ENCS	X
IECSC	X
KECL	-
PICCS	X
AICS	X

X – Listed

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS	Japan Existing and New Chemical Substances
IECSC	China Inventory of Existing Chemical Substances
KECL	Korean Existing and Evaluated Chemical Substances
PICCS	Philippines Inventory of Chemicals and Chemical Substances

Chemical safety assessment

Chemical Safety Report No information available.

SECTION 16:Other Information

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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.