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

Product Name: SiSiB® HF2050-95H42
Chemical Name: Poly(dimethylsiloxane-co-methylhydrosiloxane), trimethylsilyl terminated

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**Classification of the substance or mixture**

Classification according to REGULATION (EC) No 1272/2008[EU-GHS/CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

EUH-statements:

Labelling according to Directive 67/548/EEC or 1999/45/EC

No labelling applicable

Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients**Substances**

Substance type: Polymer
Trade name: (METHYLHYDROSILOXANE)-DIMETHYLSILOXANE
COPOLYMER, TRIMETHYLSILOXANE TERMINATED

Name	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]

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Methylhydrosiloxane-dimethylsiloxane copolymer, trimethylsiloxane terminated (CAS-No.) 68037-59-2	95 – 100	Not classified
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Full text of H-statements: see section 16

Mixtures

Not applicable

SECTION 4: First aid measures

Description of first aid measures

First-aid measures general

Remove contaminated clothing and shoes. If you feel unwell, seek medical advice (show the label where possible). If possible show this sheet; if not available show packaging or label.

First-aid measures after inhalation

Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

First-aid measures after skin contact

Wash with plenty of water/.... Get medical advice/attention.

First-aid measures after eye contact

Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion

Never give anything by mouth to an unconscious person. Get medical advice/attention.

Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation

No information available.

Symptoms/effects after skin contact

May cause skin irritation.

Symptoms/effects after eye contact

May cause eye irritation.

Symptoms/effects after ingestion

No information available.

Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Water spray. Water fog. Foam. Carbon dioxide. Dry chemical.

Unsuitable extinguishing media

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None known.

Special hazards arising from the substance or mixture

Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

Advice for firefighters**Firefighting instructions**

Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Protection during firefighting

Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapour and mist.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures****For non-emergency personnel****Protective equipment**

Wear protective equipment as described in Section 8.

Emergency procedures

Evacuate unnecessary personnel.

For emergency responders**Protective equipment**

Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and materials for containment and cleaning up**For containment**

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up

Clean up any spills as soon as possible, using an absorbent material to collect it.

Reference to other sections

See Section 8. Exposure controls and personal protection.

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

Avoid all eye and skin contact and do not breathe vapour and mist. Use personal protective equipment as required.

Hygiene measures

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Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for safe storage, including any incompatibilities**Storage conditions**

Keep container tightly closed. Product may build pressure on prolonged storage. Vent carefully with appropriate grounding. Self-venting bungs are recommended for 5 gallon and 55 gallon containers.

Incompatible materials

Alkalis. Metal salts. Oxidizing agent. Precious metals.

Specific end use(s)

No additional information available.

SECTION 8: Exposure Controls/Personal Protection**Control parameters**

No additional information available.

Exposure controls**Appropriate engineering controls**

Provide local exhaust or general room ventilation.

Personal protective equipment

Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection

Neoprene or nitrile rubber gloves

Eye protection

Chemical goggles

Skin/body protection

Wear suitable protective clothing

Respiratory protection

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified organic vapor (black cartridge) respirator.

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

Physical state	Liquid
Appearance	Clear liquid.
Molecular mass	no data available
Color	no data available
Odor	no data available

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Odor Threshold	no data available
Refractive index	1.399
pH	no data available
Relative evaporation rate (butylacetate=1)	no data available
Melting point	> - 60°C
Freezing point	no data available
Boiling point	> 205°C
Flash point:	> 100°C
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Flammability (solid, gas)	no data available
Vapour pressure	no data available
Relative vapour density at 20 °C	no data available
Relative density	0.98
Solubility	Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	no data available
Partition coefficient n-octanol/water (Log Kow)	no data available
Viscosity, kinematic	90 cSt
Viscosity, dynamic	no data available
Explosive properties	no data available
Oxidising properties	no data available
Explosive limits	no data available

Other safety information

No additional information available

SECTION 10: Stability And Reactivity

Reactivity

No additional information available

Chemical stability

Stable in sealed containers stored under a dry inert atmosphere.

Possibility of hazardous reactions

The product can generate small amounts of hydrogen when exposed to alkalis and protic materials such as water and alcohol in combination with metal salts such as aluminum chloride or precious metals such as platinum.

Conditions to avoid

Heat. Open flame. Sparks.

Incompatible materials

Alkalis. Metal salts. Oxidizing agent. Precious metals.

Hazardous decomposition products

Hydrogen. Organic acid vapors. Silicon dioxide.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity

Not classified

Skin corrosion/irritation

Not classified

Serious eye damage/eye irritation

Not classified

Respiratory or skin sensitization

Not classified

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classified

None of the components in this product at concentrations >0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity

Not classified

STOT-single exposure

Not classified

STOT-repeated exposure

Not classified

Aspiration hazard

Not classified

Symptoms/effects after inhalation

No information available.

Symptoms/effects after skin contact

May cause skin irritation.

Symptoms/effects after eye contact

May cause eye irritation.

Symptoms/effects after ingestion

No information available.

SECTION 12: Ecological Effects

Toxicity

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Hazardous to the aquatic environment, short-term (acute)

Not classified

Hazardous to the aquatic environment, long-term (chronic)

Not classified

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Results of PBT and vPvB assessment

No additional information available

Other adverse effects

No additional information available

SECTION 13: Disposal considerations

Waste treatment methods

Sewage disposal recommendations

Do not dispose of waste into sewer.

Product/Packaging disposal recommendations

Incinerate. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials

Avoid release to the environment.

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: -

Packaging group

ADR/RID: -

IMDG: -

IATA: -

Environmental hazards

ADR/RID: no

IMDG Marine Pollutant: no

IATA: no

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Special precautions for user

no data available

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

Not applicable

SECTION 15:Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture****EU-Regulations**

No REACH Annex XVII restrictions

(METHYLHYDROSILOXANE)-DIMETHYLSILOXANE COPOLYMER, TRIMETHYLSILOXANE
TERMINATED is not on the REACH Candidate List(METHYLHYDROSILOXANE)-DIMETHYLSILOXANE COPOLYMER, TRIMETHYLSILOXANE
TERMINATED is not on the REACH Annex XIV List(METHYLHYDROSILOXANE)-DIMETHYLSILOXANE COPOLYMER, TRIMETHYLSILOXANE
TERMINATED is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the
Council of 4 July 2012 concerning the export and import of hazardous chemicals.(METHYLHYDROSILOXANE)-DIMETHYLSILOXANE COPOLYMER, TRIMETHYLSILOXANE
TERMINATED is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the
Council of 20 June 2019 on persistent organic pollutants**National regulations****Regulatory reference**Not classified according to Regulation Governing Systems for Handling Substances Hazardous to Waters
(AwSV)**Hazardous Incident Ordinance (12. BImSchV)**

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands**SZW-lijst van kankerverwekkende stoffen**

The substance is not listed

SZW-lijst van mutagene stoffen

The substance is not listed

SZW-lijst van reprotoxische stoffen – Borstvoeding

The substance is not listed

SZW-lijst van reprotoxische stoffen – Vruchtbaarheid

The substance is not listed

SZW-lijst van reprotoxische stoffen – Ontwikkeling

The substance is not listed

Chemical safety assessment

No additional information available

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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.