

Version 5.1R

Page 1 / 9

Revision Date 27.11.2018

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

Product Name: SiSiB® HF2080

Chemical Name: polyPHENYLMETHYLSILOXANE, DIMETHYLSILOXY 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 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

Label elements

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

EUH-statements EUH210 - Safety data sheet available on request.

Other hazards

No additional information available

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

Mono-constituent

Name

polyPHENYLMETHYLSILOXANE, DIMETHYLSILOXY terminated

CAS-No.

not found

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
polyPhenylmethylsiloxane, dimethylsiloxo terminated	(CAS-No.) not found	95-100	Not classified

Full text of H-statements: see section 16

Mixtures

Version 5.1R	Page 2 / 9	Revision Date 27.11.2018
--------------	------------	--------------------------

Not applicable

SECTION 4: First aid measures

Description of first aid measures

First-aid measures general

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

If inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

In case of skin contact

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

In case of 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.

If swallowed

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

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation

No information available.

Symptoms/injuries after skin contact

May cause skin irritation.

Symptoms/injuries after eye contact

May cause serious eye irritation.

Symptoms/injuries 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

Do not use straight streams.

Special hazards arising from the substance or mixture

Version 5.1R	Page 3 / 9	Revision Date 27.11.2018
--------------	------------	--------------------------

Fire hazard

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 vapor and mist.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment	Fire resistant clothing and gloves must be worn.
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. Sweep or shovel spills into appropriate container for disposal.

Reference to other sections

See section 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling	Avoid all eye and skin contact and do not breathe vapor and mist. Use only in well ventilated areas.
Hygiene measures	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.

Version 5.1R	Page 4 / 9	Revision Date 27.11.2018
--------------	------------	--------------------------

Conditions for safe storage, including any incompatibilities

Storage conditions	Keep container tightly closed. Self-venting bungs should be provided for long term drum storage.
Incompatible materials	Alkalis. Metal salts. Oxidizing agent. Precious metals.
Storage area	Store in a well-ventilated place. Store away from heat.

Specific end use(s)

No data 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. Contact lenses should not be worn.

Skin and 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

Appearance	Form: clear liquid
Molecular mass	300-500 g/mol
Color	Colorless to yellow
Odor	no data available
Odor Threshold	no data available
Refractive index	1.453
pH	no data available
Relative evaporation rate (butyl acetate=1)	no data available

Version 5.1R	Page 5 / 9	Revision Date 27.11.2018
--------------	------------	--------------------------

Melting point	no data available
Freezing point	< -60 °C
Boiling point	> 205 °C
Flash point:	> 65 °C
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Flammability (solid, gas)	no data available
Vapor pressure:	no data available
Relative vapor density at 20 °C	> 1
Relative density	0.93
Solubility	Insoluble in water.
Log Pow	no data available
Log Kow	no data available
Viscosity, kinematic	2-5 cSt
Viscosity, dynamic	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Explosive limits	no data available

Other information

no data available

SECTION 10: Stability And Reactivity**Reactivity**

no data 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

Version 5.1R	Page 6 / 9	Revision Date 27.11.2018
--------------	------------	--------------------------

Information on toxicological effects

Acute toxicity	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye irritation.
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 serious eye irritation.
Symptoms/effects after ingestion	No information available.

SECTION 12: Ecological Effects

Toxicity

Acute aquatic toxicity	Not classified
Chronic aquatic toxicity	Not classified

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

No additional information available

Other adverse effects

This substance may be hazardous to the environment.

SECTION 13: Disposal considerations

Waste treatment methods

Sewage disposal recommendations:

Version 5.1R	Page 7 / 9	Revision Date 27.11.2018
--------------	------------	--------------------------

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

In accordance with ADR / RID / IMDG / IATA / ADN

UN-No. (ADR) Not applicable

UN-No. (IMDG) Not applicable

UN-No. (IATA) Not applicable

UN-No. (ADN) Not applicable

UN-No. (RID) Not applicable

UN proper shipping name

Proper Shipping Name (ADR) Not applicable

Proper Shipping Name (IMDG) Not applicable

Proper Shipping Name (IATA) Not applicable

Proper Shipping Name (ADN) Not applicable

Proper Shipping Name (RID) Not applicable

Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) Not applicable

IMDG

Transport hazard class(es) (IMDG) Not applicable

IATA

Transport hazard class(es) (IATA) Not applicable

ADN

Transport hazard class(es) (ADN) Not applicable

RID

Transport hazard class(es) (RID) Not applicable

Packing group

Packing group (ADR) Not applicable

Packing group (IMDG) Not applicable

Packing group (IATA) Not applicable

Packing group (ADN) Not applicable

Packing group (RID) Not applicable

Environmental hazards

Dangerous for the environment No

Version 5.1R	Page 8 / 9	Revision Date 27.11.2018
--------------	------------	--------------------------

Marine pollutant No

Other information No supplementary information available

Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

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

polyPHENYLMETHYLSILOXANE, DIMETHYLSILOXY terminated is not on the REACH Candidate List

polyPHENYLMETHYLSILOXANE, DIMETHYLSILOXY terminated is not on the REACH Annex XIV List

National regulations

Germany

12th Ordinance Implementing the Federal Immission Control Act - 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

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding

The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

The substance is not listed

Denmark

Classification remarks

Version 5.1R	Page 9 / 9	Revision Date 27.11.2018
--------------	------------	--------------------------

Emergency management guidelines for the storage of flammable liquids must be followed

Chemical safety assessment

No additional information available

SECTION 16:Other Information

Full text of H- and EUH-statements:

EUH210

Safety data sheet available on request.

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.