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

Product Name: SiSiB® OF9020

Chemical Name: Poly(trifluoropropylmethylsiloxane), silanol terminated (40-150 cSt)

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**

H315	Skin Irrit. 2	R38
H319	Eye Irrit. 2	R36
H335	STOT SE 3a	R37

The risk codes have been generated using Annex VII of directive 67/548/EEC. Risk code combinations are not included.

Label elements

Signal word

Warning

Hazard Statements

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Precautionary Phrases

P264	Wash hands thoroughly after handling.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+ P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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P332 + P313

If skin irritation occurs: Get medical advice/attention.

P337 + P313

If eye irritation persists: Get medical advice/attention.

Other hazards

Additional precautionary phrases are located throughout the safety data sheet.

SECTION 3: Composition/information on ingredients**Substances**Poly(trifluoropropylmethylsiloxane),
silanol terminated (40-150 cSt)**Assay**

100%

CAS Number

68607-77-2

Mixture

Not Relevant

SECTION 4: First aid measures**Description of first aid measures****Skin Contact**

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/ attention.

Eye Contact

If eye irritation persists: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Wash out mouth with water.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Most important symptoms and effects

No symptoms.

Indication of any immediate medical attention

Call a POISON CENTER or doctor/physician if you feel unwell.

No additional measures required.

SECTION 5: Firefighting measures**Description of first aid measures****Skin Contact**

IF ON SKIN: Wash with plenty of soap and water.

If skin irritation occurs: Get medical advice/ attention.

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Eye Contact

If eye irritation persists: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion

Wash out mouth with water.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Most important symptoms and effects

No symptoms.

Indication of any immediate medical attention

Call a POISON CENTER or doctor/physician if you feel unwell.

No additional measures required.

Special hazards arising from the substance or mixture

In combustion toxic fumes may form.

Advice for firefighters

Wear protective clothing to prevent contact with skin and eyes.

Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures**Personal Precautions**

Refer to section 8 of SDS for personal protection details.

Environmental Precautions

Do not discharge into drains or rivers.

Methods & Materials

Mix with sand or vermiculite.

Transfer to a suitable container.

SECTION 7: Handling and storage**Personal Precautions****Safe Handling**

Handle in fume hood.

Wash hands immediately after contamination.

Protection against explosions and fires

Take off contaminated clothing and wash before reuse.

Wash hands thoroughly after handling.

Normal measures for preventive fire protection.

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Conditions for safe storage, including any incompatibilities**Managing Storage Risks**

Keep container tightly closed.

Store in cool, well ventilated area.

Storage Controls

No special requirements

Maintaining Integrity

Keep in tightly closed container in cool area away from direct sunlight or heat sources.

Other advice

Store in a well-ventilated place. Keep container tightly closed.

Specific end use(s)

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

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

No Data Available

Exposure controls**General protective and hygiene measures**

Wear protective gloves/protective clothing/eye protection/face protection.

The standard precautionary measures should be adhered to when handling.

Wash hands during breaks and at the end of handling the material.

Immediately remove any contaminated clothing.

Engineering measures

Use only outdoors or in a well-ventilated area.

Ensure there is sufficient ventilation of the area.

Eye / Face Protection

Safety Glasses.

Hand protection

Protective gloves..

Respiratory protection

Avoid breathing dust/fume/gas/mist/vapors/spray.

Respiratory protection not required.

Skin protection

Protective clothing.

Other personal protection advice

No data available.

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

Appearance:	Clear-translucent viscous liquid
Odor:	No data available
Odor Threshold:	No data available
pH:	No data available
Melting point / Freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	>150°C
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	1.27-1.31
Solubility (ies):	Insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	40-150 cSt
Explosive properties:	No data available
Oxidizing properties:	No data available

Other information

No additional information available

SECTION 10: Stability And Reactivity**Reactivity**

No unusual reactivity.

Stability

Stable under normal conditions.

Trifluoropropionaldehyde vapors may evolve from product used in open systems at temperatures above 150°C. These vapors are a potential health hazard and adequate ventilation must be provided.

Possibility of hazardous reactions

No hazardous reactions known.

Conditions to avoid

No specific conditions to avoid.

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Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

In combustion emits toxic fumes.

In combustion emits toxic fumes of hydrogen fluoride.

In combustion emits toxic fumes of organic acid vapors.

In combustion emits toxic fumes of silicon dioxide.

SECTION 11: Toxicological Information**Information****Acute toxicity**

No data available

Skin corrosion/irritation

Irritant for skin and mucous membranes

Serious eye damage/eye irritation

Irritant effect.

Respiratory or skin sensitization

No sensitizing effect known.

Germ cell mutagenicity

Not classified

Carcinogenicity

Not classified

Reproductive toxicity

Not classified

STOT-single exposure

Not classified

STOT-repeated exposure

Not classified

Aspiration hazard

Not classified

Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from the EPA,

IARC, NTP, OSHA or ACGIH.

SECTION 12: Ecological Effects**Toxicity**

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No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT & vPvB assessment

No data available

Other adverse effects

No data available

SECTION 13: Disposal considerations

No Resource File

Disposal Operations

Consult state, local or national regulations for proper disposal.

Hand over to authorized disposal company as hazardous waste.

Disposal of Packaging

SECTION 14: Transport Information

UN number

No data available

UN proper shipping name

No data available

Additional information

No data available

Transport by sea

Not classified as hazardous for transport

Air transport

Not classified as hazardous for transport

SECTION 15: Regulatory Information

Safety, health and environmental regulations

Product is not subject to any additional regulations or provisions.

Safety Assessment

No Chemical Safety Assessment

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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.