

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

Product Name: SiSiB® FF9020-10000

CAS-No.: 63148-56-1

**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 &amp; 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

H319 Eye Irrit. 2

H335 STOT SE 3a

**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.

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(3,3,3-Trifluoropropylmethylsiloxane) 10000cSt

Assay: 100%

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**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****Extinguishing Media****Suitable**

Carbon dioxide.

Dry chemical powder.

Water.

**Unsuitable**

Do not use water with a full water jet

**Special Hazards arising from the substance or mixture**

In combustion toxic fumes may form.

**Advice for Fire Fighters**

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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.

Wash hands thoroughly after handling.

#### Protection against explosions and fires

Take off contaminated clothing and wash before reuse.

normal measures for preventive fire protection

#### 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 Uses

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

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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

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

Physical state:	Liquid
Appearance:	Colorless
Odor:	Slight
Odor threshold	no data available
PH:	no data available
Freezing/Melting point:	no data available
Initial boiling point and boiling range	>300°C
Flash point	>101.1°C
	Method: closed cup
Evaporation rate:	no data available
Flammability (solid, gas)	no data available
Upper explosion limit	no data available
Lower explosion limit	no data available
Vapor pressure:	no data available
Relative vapor density:	no data available

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Relative density	1.29
Water solubility:	no data available
Partition coefficient: n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity, kinematic	10000cSt
Explosive properties	not explosive
Oxidizing properties	The substance or mixture is not classified as oxidizing.
Molecular weight	no data available

## SECTION 10: Stability And Reactivity

### Reactivity

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.

### Stability

Stable under normal conditions.

### Possibility of Hazardous Reactions

no hazardous reactions known

### Conditions to Avoid

no specific conditions to avoid

### 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 trifluoropropionaldehyde.

In combustion emits toxic fumes of silicon oxides.

## SECTION 11: Toxicological Information

### Information

Acute Toxicity	no data
Skin corrosion/irritation	irritant for skin and mucous membranes
Serious eye damage/irritation	irritant effect
Respiratory or skin sensitization	No sensitizing effect known
Germ Cell mutagenicity	not known
Carcinogenicity	not known
Reproductive toxicity	not known

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STOT-repeated exposure not known

STOT-single exposure not known

Aspiration hazard not known

### 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:

not known

### Persistence and degradability:

not known

### Bioaccumulative potential:

not known

### Mobility in soil:

not known

### Results of PBT & vPvB assessment

not known

### Other adverse effects:

not known

## SECTION 13: Disposal considerations

### Waste Treatment Methods

#### Disposal Operations

Consult state, local or national regulations for proper disposal.

Hand over to authorized disposal company as hazardous waste.

#### Disposal of Packaging

Disposal must be made according to official regulations.

## SECTION 14: Transport Information

### Air (ICAO)

Not classified as hazardous for transport

### Road (ADR)

Not classified as hazardous for transport

### Sea (IMDG)

Not classified as hazardous for transport

**SECTION 15:Regulatory Information****Safety, health and environmental regulations:**

The product is not subject to any additional regulations or provisions

**Safety Assessment**

No Chemical Safety Assessment

**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.