

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

Product Name: SiSiB® FF9050  
Chemical Name: Trimethyl terminated dimethyl-methyltrifluoropropyl polysiloxane copolymers  
CAS-No.: 115361-68-7

**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 (GHS-US) Not classified

**Label elements**

GHS-US labeling No labeling applicable

**Other hazards**

No additional information available

**Unknown acute toxicity (GHS US)**

No data available

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

Substance type: Mono-constituent  
Name: Trimethyl terminated dimethyl-methyltrifluoropropyl polysiloxane copolymers  
CAS No: 115361-68-7

Name	Product identifier	%	Classification (GHS-US)
Dimethylmethyl 3,3,3-trifluoropropyl siloxane	(CAS No) 115361-68-7	95 - 100	Not classified

**SECTION 4: First aid measures****Description of first aid measures****Eyes:**

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.

**Skin:**

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

**Ingestion:**

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

**Inhalation:**

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

**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 eye irritation.
Symptoms/injuries after ingestion:	May be harmful if swallowed.

**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**

Fire hazard:	Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.
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**Advice for firefighters**

Firefighting instructions:	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protection during firefighting:	Do not attempt to take action without suitable protective equipment. 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:

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 material 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**

No additional information available

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

Avoid all eye and skin contact and do not breathe vapor and mist. Use only in well ventilated areas. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse.

**Conditions for safe storage, including any incompatibilities:**

Storage conditions:

Keep container tightly closed.

Incompatible materials:

Oxidizing agent.

Storage area:

Store in a well-ventilated place. Store away from heat.

**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

Hand protection:	immediate vicinity of any potential exposure. 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

Physical State:	Liquid
Appearance:	Clear liquid.
Molecular mass:	1800 g/mol
Color:	No data available
Odor:	No data available
Odor threshold:	No data available
Refractive index:	1.387
pH:	No data available
Relative evaporation rate (butyl acetate=1):	No data available
Melting point:	No data available
Freezing point:	< 0 °C
Boiling point:	No data available
Flash point:	> 150 °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:	No data available
Relative density:	1.16
VOC content:	< 3 %
Solubility:	Insoluble in water.
Log Pow:	No data available
Log Kow:	No data available
Viscosity, kinematic:	80 - 120 cSt
Viscosity, dynamic:	No data available
Explosive properties:	No data available

Oxidizing properties: No data available

Explosion limits: No data available

**Other information**

No additional information available

### SECTION 10: Stability And Reactivity

**Chemical Stability:**

Stable under normal temperatures and pressures.

**Conditions to Avoid:**

Open flame. Heat. Sparks.

**Incompatibilities with Other Materials:**

Oxidizing agent.

**Possibility of hazardous reactions:**

Trifluoropropionaldehyde vapors may evolve from product used in open systems at temperatures above 150°C. Do not expose to temperatures above 150°C.

**Reactivity:**

No additional information available.

**Hazardous decomposition products**

Hydrogen fluoride. Organic acid vapors. Silicon dioxide.

### SECTION 11: Toxicological Information

**Information on toxicological effects**

Acute toxicity: Not classified

<b>Dimethylmethyl 3,3,3-trifluoropropyl siloxane (115361-68-7)</b>	
LD50 oral rat	> 2000 mg/kg

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Symptoms/injuries after inhalation: No information available.

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Symptoms/injuries after skin contact:

May cause skin irritation.

Symptoms/injuries after eye contact:

May cause eye irritation.

Symptoms/injuries after ingestion:

May be harmful if swallowed.

## SECTION 12: Ecological Effects

### Toxicity:

No additional information available

### Persistence and degradability:

No additional information available

### Bioaccumulative potential:

No additional information available

### Mobility in soil:

No additional information available

### Other adverse effects:

Effect on ozone layer:

No additional information available

Effect on the global warming:

No known ecological damage caused by this product.

## SECTION 13: Disposal considerations

### Waste treatment methods

Sewage disposal recommendations:

Do not dispose of waste into sewer.

Waste 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

Not regulated for transport.

### UN proper shipping name

Not applicable

### Additional information

Other information:

No supplementary information available.

### Transport by sea

No additional information available

### Air transport

No additional information available

### SECTION 15:Regulatory Information

#### US federal regulations:

##### Dimethylmethyl 3,3,3-trifluoropropyl siloxane (115361-68-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

#### International regulations:

##### Dimethylmethyl 3,3,3-trifluoropropyl siloxane (115361-68-7)

Listed on the Canadian NDSL (Non-Domestic Substances List) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on NZIoC (New Zealand Inventory of Chemicals)

#### US State regulations

##### Trimethyl terminated dimethyl-methyltrifluoropropyl polysiloxane copolymers (115361-68-7)

U.S. - California - Proposition 65 - Carcinogens List	No
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U.S. - California - Proposition 65 - Developmental Toxicity	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Female	No
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U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No
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##### Dimethylmethyl 3,3,3-trifluoropropyl siloxane (115361-68-7)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significance risk level (NSRL)
No	No	No	No	

### 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.