



## MATERIAL SAFETY DATA SHEET

### Section 1: Product and Company Identification:

Common Name : Silicone foam stabilizer/surfactant  
Product No : SD-639  
Manufacturer : Suzhou SD New Materials Co.,Ltd  
Manufacturer Address : Building 2, Pangjin industrial Park, No.1801  
Pangjin Road, Wujiang District, Suzhou City,  
China  
Tel : +86512-63636108  
Fax : +86512-63636128  
Email : carrie@siltechnm.com

### Section 2: Material component info

Pure/Mixture : Pure  Mixture

Polysiloxane - polyether copolymer

### Section 3: Hazards identification

No hazards to environment or human.

### Section 4: First –Aid Measures

#### Ingestion:

Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by gently touching back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

#### Eye contact:

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.



**Inhalation:**

Move person to fresh air and keep comfortable for breathing. If person is not breathing, call 911 or an ambulance immediately, and then give artificial respiration.

**Skin Contact:**

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Delayed symptoms:**

None Known.

**Indication of immediate medical attention or special treatment:**

Trouble breathing, persisting skin or eye irritation, nausea or vomiting.

First-aid rescuer protection: wear personal protective device, such as gloves, safety goggles or glasses, breathing protective device.

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## Section 5: Fire-Fighting Measures

**Suitable extinguishing Media:** Foam, CO<sub>2</sub>, dry chemical, water.

When the fire is small, Foam, CO<sub>2</sub>, dry chemical can be used. When the fire become big, recommend to use water spray.

Other info: Water spray can be used for cooling unopened container.

**Special protective equipments and precautions for fire fighters:**

Wear self-contained breathing apparatus with full positive pressure face piece and appropriate protective clothing.

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## Section 6: Accidental release measures

**Personal protection measures:**

Use personal protection equipments, protect over-inhalation gas, guarantee sufficient ventilate, remove all fire source.

**Environmental protection measures:**

Under the condition of safety, take measures to protect further leakage or overflow. Any leakage or overflow discharge into drain were forbidden.

**Cleanup measures:**



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Contain and absorb with an inert absorbent while wearing appropriate. Avoid discharge to drain and environment. Place absorbed material in a clean, closed container for waste disposal. Wash area with water.

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## Section 7: Handling and storage

Keep container sealed, store in a dry place away from heat, sparks or open flame. Do not store with incompatible material like strong acids, strong bases, and strong oxidizing agents.

Use anti-explosion electric appliance/ventilate/lighting facility. Take measures to prevent sparks/static electricity.

Opened container must be resealed carefully and placed vertical to prevent moisture absorption or leakage.

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## Section 8: Exposure Controls/personal protection

### Component Exposure limits

There are no component with workplace exposure limits/

### Engineering Controls

Local Ventilation :Recommended.

General Ventilation: Recommended.

### Personal Protective Equipment for Routine Handling

Eyes: use chemical worker's goggles.

Skin: Washing at mealtime and end of shift is adequate.

Suitable Gloves: Avoid skin contact by implementing good industrial hygiene practices and procedures. Select and use gloves and/or protective clothing to further minimize the potential for skin contact. Consult with your glove and/or personal protective equipment manufacturer for selection of appropriate compatible materials.

Inhalation: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

### Personal Protective Equipment for Spills

Eyes: Use chemical worker's goggles.

Skin: Washing at mealtime and end of shift is adequate.



Inhalation/Suitable: No respiratory protection should be needed.

Respirator:

Precautionary Measures: Avoid eye contact. Avoid skin contact. Do not take internally. Use reasonable care.

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## Section 9: Physical and Chemical properties

Physical Form:

Appearance (+25°C) : Viscous Liquid  
Color : Colorless to amber  
Odor : Slight

Safety Data:

Freezing/Melting Point : Not available  
Boiling Point : Not available  
point of flammability : Not available  
Light point : Not available  
Upper explosive limit : Not available  
Lower explosive limit : Not available  
Vapor pressure : Not available  
Vapor Density : Not available  
Solubility in Water : Not available  
Density Range : (1.02±0.05) g/cm<sup>3</sup>  
PH Value : 5.5—7.5  
Viscosity : ((300±100) mm<sup>2</sup>/s

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## Section 10: Stability and Reactivity

Chemical Stability : Stable  
Hazardous : Hazardous polymerization will not occur.  
Polymerization  
Conditions to Avoid



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Materials to Avoid : Oxidizing material can cause a reaction. Water, alcohol, acidic or basic materials, and many metals or metallic compounds, when in contact with product, liberate flammable hydrogen gas, which can form explosive mixtures in air.

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## Section 11: Toxicological Information

No Known applicable information under condition of correct operation.

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## Section 12: Ecological Information

Directly put into drain system is forbidden, slight pollution for water.

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## Section 13: Disposal considerations

Can be incinerated in accordance with local regulations. Call local hazardous waste disposal company or provincial waste authorities for more information.

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## Section 14: Transport Information

Sealed transportation, prevent leakage or moisture absorption, no belong to dangerous goods.

It's better to transport in the morning or night during summer, avoid high temperature transportation.

Declaration (railroad and road) ADR/RID: No dangerous Good.

Declaration (transport by sea) IMDG-Code: No dangerous Good.

Declaration (transport by air) IATA/DGR: No dangerous Good.

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## Section 15: Regulatory Information

None.

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## Section 16: Other Information

Reference Documents: China Chemicals safety instruction regulations(GB16483-2000)  
Version: 9th Oct, 2019



**Further Information:**

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These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures and believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.