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### SECTION 1: Identification of the substance/mixture and of the company

#### Product Identifier

Product Name: ADDSiL™ 2246

#### 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

Health Hazard None

#### Acute effects:

**Eyes:** Direct contact can cause temporary eye irritation and uncomfortable.

**Skin:** A short time of Exposure may not cause much impact.

**Inhalation:** Slight Irritation of the respiratory system.

**Ingestion:** Lower dangerous of ingestion for regular use

#### Chronic effects:

**Skin:** No suitable data.

**Inhalation:** No suitable data.

**Ingestion:** No suitable data.

### SECTION 3: Composition/information on ingredients

Chemical class: Polymer

#### Ingredients

Chemical Name	CAS No.	% (w/w)
Methacryloxypropyl terminated polydimethylsiloxane	146632-07-7	≥97
Polydimethylsiloxane	63148-62-9	<1

### SECTION 4: First aid measures

**Eyes:** Using water to flush immediately.

**Skin:** No first aid required.

**Inhalation:** No first aid required.

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**Ingestion:** Medical treatment.

**Remark:** Symptomatic treatment.

## SECTION 5: Firefighting measures

**Fire Extinguishing Agent:**

Dry chemical, Foam, Carbon dioxide (CO<sub>2</sub>)

**Special Fire Fighting Procedures and Equipment:**

To evacuate or insulate the fired area or not, up to the local emergency plan. Use water to cool down the container. In the event of fire, wear self-contained breathing apparatus.

**Hazardous Incomplete Combustion Products:**

SiO<sub>2</sub>, CO<sub>2</sub>, CH<sub>2</sub>O and drop of unignited carbonization

**Prohibit using Fire Extinguishing Agent:**

Dry powder fire extinguisher.

## SECTION 6: Accidental release measures

**Personal Precautions:**

Avoid to contact with eyes. Do not take internally.

**Environmental Precautions:**

Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.

**Methods for Cleaning Up:**

Pump into salvage tanks and/or absorb with suitable material.

Use sparkless shovels to remove material.

## SECTION 7: Handling and storage

**Handling Precautions:**

Use comprehensive ventilated equipment.

Avoid to contact with eyes.

**Storage Conditions:**

Keep product and empty container away from heat and sources of ignition.

Take care and keep far away from the storage of oxidizing materials.

Keep in a dry, cool and well-ventilated place.

**Suitable Packaging Materials:**

Not determined.

## SECTION 8: Exposure Controls/Personal Protection

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**Engineering Controls:** Suggest to use ventilation equipment.

**Personal Protective Equipment for Routine Handling:**

**Respiratory protection:** No need to wear security respiratory protective equipment.

**Suitable respirator:** No need.

**Eye protection:** Chemical safety glasses.

**Hand protection:** Wear protective glove.

**Skin protection:** When the meal or cleaning work is sufficient.

**Personal Hygiene Measures:** Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

**Personal Protective Equipment for Spills:**

**Respiratory protection:** No need for using respiratory protective equipment.

**Eye protection:** Comprehensive cover-type protective eye.

**Skin protection:** When the meal or cleaning work is sufficient.

**Precautionary Measures:** Avoid eye contact. Do not take internally. To take appropriate protection.

## SECTION 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

Appearance	Liquid
Color	Colorless
Odor	Odorless
Odor Threshold	no data available
pH	no data available
Melting point/freezing point	no data available
Boiling point or initial boiling point and boiling range	no data available
Flash point	>100°C
Refractive index	1.4010-1.4110
Relative vapor density	no data available
Density/Relative density	0.93-0.97
Autoignition temperature	no data available
Ignition temperature	no data available
Viscosity(25°C)	45-80 cP
Explosive properties	no data available
Oxidizing properties	no data available

The above information is for reference only.

## SECTION 10: Stability And Reactivity

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**Stability:** Stable.

**Materials to Avoid:** Strong acids, strong alkali, strong oxidant

**Decomposition Products:** SiO<sub>2</sub>, CO<sub>2</sub>, CH<sub>2</sub>O and drop of unignited carbonization

**Hazardous Polymerization:** Hazardous polymerization will not occur.

## SECTION 11: Toxicological Information

**Possible Health Effects:** Refer to Section 2

**Sensitizing Effects:** None known.

**Mutagenic Effects:** None known.

**Reproductive Effects:** None known.

**Carcinogenic Effects:** None known.

**Other Health Hazard Information:** No known applicable information.

This list is based on the potentially dangerous product or a similar product composition analysis of the data obtained.

## SECTION 12: Ecological Effects

### Environmental impact and its distribution

Via deposit or bond to the silt, Siloxane separated out from the water, then degrade in the soil.

### Environmental impact

Acute effects: Slight effects on aquatic organisms.

Chronic effects: Slight effects on aquatic organisms.

### Impact on the waste water treatment plant

Bonding with sewage sludge, more than 90% can be removed. No harmful effects on bacteria. The siloxane in this product is not part of BOD.

## SECTION 13: Disposal considerations

When it is decided as the waste disposal should be considered as dealing with hazardous substances.

**Product waste and disposal method:** In accordance with local disposal regulations.

**Contaminated packaging:** In accordance with local disposal regulations.

## SECTION 14: Transport Information

### UN number

no data available

### UN proper shipping name

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no data available

**Transport hazard class(es)**

no data available

**Packing group**

no data available

**Environmental hazards**

no data available

**Special precautions for user**

no data available

**Transport in bulk according to IMO instruments**

no data available

## SECTION 15:Regulatory Information

Work place use NO.423 of Chemical provision (1996) safely which made by the employment dept. , especially for D.G. Chemicals safety use, production, storage, shipment, the load and unload.

## 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.