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

Product Identifier

Product Name: SiSiB® ASS8211

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

Primary Entry Routes: Eyes, Skin, Inhalation, Ingestion

Targets Organs: Eyes, Skin, Respiratory Tract, Digestive System

Potential Health Effects: Harmful by inhalation and in contact with skin. Irritating to eyes and skin.

Inhalation: Harmful effects are not expected from static vapor at ambient temperature. Inhalation of an aerosol of the neat material within a confined space could result in respiratory distress and eye injury. Prolonged and/or repeated exposure may cause the following effects: An aerosol of the neat liquid may cause: - damage to respiratory tract - injury to the eyes - injury to the nasal cavity - injury to the bloodforming system.

Eye: Irritating to eyes.

Skin: Brief contact is not expected to produce irritation. Prolonged contact may result in: - minor irritation -transient local redness - swelling Prolonged and/or repeated contact may result in: - skin irritation.

Ingestion: No evidence of harmful effects from available information. Prolonged and/or repeated contact may result in: - injury to the liver - injury to the thyroid - injury to the kidney - injury to the bloodforming system - injury to the male and female reproductive systems.

Acute Effects: May be slightly toxic based on acute animal studies.

Chronic Effects: Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure: Not known.

SECTION 3: Composition/information on ingredients

English Chemical Name： Siloxane Polyether Modified

	Content	CAS NO.
Polyalkyleneoxide Modified Trisiloxane	80%-87%	67674-67-3
Polyethylene glycol monoallyl ether	13%-20%	27274-31-3

SECTION 4: First aid measures

First Aid Measures of different disposure

1.Inhalation：Remove to fresh air if aerosol spray is inhaled. If breathing is difficult, administer oxygen. Obtain medical attention immediately.

2.Skin Contact：Wash skin with soap and water.

3. Eyes Contact: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

4. Ingestion: No emergency care anticipated..

5. Notes to Physician: There is no specific antidote. Treatment is symptomatic and supportive.

SECTION 5: Firefighting measures

Applicable extinguishing agent： Foam, carbon dioxide, dry powder, water spray

Hazardous Decomposition Products: None with proper storage and handling.

Fire-Fighting Instructions: In the event of fire the following can be released: carbon monoxide, carbon dioxide, silicon dioxide. Collect contaminated firefighting water separately, must not be discharged into the drains.

Fire-Fighting Equipment： As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

Unusual Fire or Explosion Hazards: OSHA flammable class-combustible liquid, Class IIIB

SECTION 6: Accidental release measures

Emergency procedures: Slippery when spilt, clean up immediately. Wear Protective equipment to prevent skin and eye damage

Methods and materials for containment and clean up: Prevent run off into drains or waterways. Do not discharge into the subsoil/soil. Take up with absorbent material (e.g. sand, kieselguhr, universal binder).Collect and seal in properly labelled containers for disposals. Dispose of in accordance with all Local. State and Federal regulations at an approved waste disposal site. For small spills, wash with plenty of water.

SECTION 7: Handling and storage

Handling Precautions： Formation of Aerosolsor vapors during processing and application should be prevented. Wear respiratory protection when spraying.

Storage Requirements： Keep container tightly closed.

Regulatory Requirements: No special measures required.

SECTION 8: Exposure Controls/Personal Protection

Engineering Control: Good general (mechanical) ventilation should be sufficient to control airborne levels

Ventilation: Maintain good ventilation to avoid inhalation or aerosols

Respiration Protection: Wear dust/mist respirator.

Protective Clothing/Equipment: Light protective clothing is required. PVC gloves. Safety goggles and /or face shield is recommended for use.

Contaminated Equipment: Remove soiled or soaked clothing immediately.

Comments: Avoid contact with eyes and skin. Do not eat, drink or smoke when working. Wash hands before breaks and after work. Use barrier skin cream.

SECTION 9: Physical and Chemical Properties

Appearance:	light yellow liquid
Viscosity (25°C):	25-40mPa.s
Evaporation Rate:	< 1
Cloud Point:	<10°C
Density:	1.01-1.03g/cm3
Melting point:	---
Decompose Temperature:	---
Flash Point:	112° C
Burning Temperature:	---
Exposure:	---
Steam Pressure(20 C) (mm HG)::	< 1
Steam density:	---
Solubility in Water:	Dispersible

SECTION 10: Stability And Reactivity

Chemical Stability: Stable

Hazardous Polymerizations: None

Condition to Avoided: None with proper storing and handling

Chemical Incompatibilities: None with proper storing and handling

Hazardous Decomposition Products: None with proper storage and handling

SECTION 11:Toxicological Information

Eye effects: Species: rabbit, moderate irritant, Method: OECD 405

Acute Dermal Effect: LD50 Species: rat, DOSE:>4000mg/kg，Method:OECD402

Acute Oral Effects: LD50; Species: Rats; > 2,000 mg/kg;
Acute Inhalation Effects: LC50; Species: Rat; 2 mg/l; Remarks: aerosol, Test results are based on analogy with a similar material.
LC50; Species: Rat; > 11.78 mg/l; Remarks: 5% Diluted aqueous solution, aerosol. By analogy with a product of similar composition.
Skin Irritation: Species: rabbit slight irritant effect-does not require labeling, method OECD 404
Chronic Effects: not known
Carcinogenicity: Not listed by NTP, IARC, ACGIH, or OSHA as a carcinogen.
Mutagenicity: not known
Teratogenicity: not known

SECTION 12: Ecological Effects

Ecotoxicity: not known
Aquatic Toxicity:
LC50 Species: sunfish, Dose: 15mg/l 96hr
EC50 Species: Daphnia Magna, Dose: 177mg/l 48hr
Environmental Fate:
Ecological notes: Use best management practices to limit uncontrolled release to waterways.

SECTION 13:Disposal considerations

Disposal: Should be consistent with federal, state and local regulations.
Disposal Regulatory Requirements: In accordance with local authority regulations, take to special waste incineration plant.
Container Cleaning and Disposal: If empty contaminated containers are recycled or disposed of, the receiver must be informed about the possible hazards.

SECTION 14:Transport Information

UN Number:	None Allocated
UN Proper Shipping Name：	None allocated
Class:	None allocated
Packing Group:	None allocated
Hazchem Code:	None allocated
Road and Rail Transport:	None allocated
Marine Transport:	None allocated
Air Transport:	None allocated

SECTION 15:Regulatory Information

Classification:	None allocated
Poisons Schedule:	None allocated

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.