

Version 7.1JZ

Page 1 / 5

Revision Date 2025-12-16

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

Product Identifier

Product Name: ADDSiL™ 2901

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

Hazards Category:

No hazard

Health Hazard

Acute effects:

Eyes:

Direct contact may have short-lived redness and discomfort.

Skin:

A single short-term exposure will not have a major impact.

Inhalation:

Slightly irritating to the respiratory system.

Ingestion:

It has a low risk of ingestion during normal use.

Chronic effects:

Skin:

No suitable information.

Inhalation:

No suitable information.

Ingestion:

No suitable information.

SECTION 3: Composition/information on ingredients

Chemical class:

Mixture

Version 7.1JZ

Page 2 / 5

Revision Date 2025-12-16

Physical form:

Liquid

Ingredients:

Component	CAS No	% (W/W)
Epoxy-modified siloxane	153890-18-7	≤100

SECTION 4: First aid measures

Eyes:

Immediately flush with water for 15 minutes and seek medical treatment.

Skin:

Remove from skin and wash thoroughly with soap and water. If irritation or other symptoms occur and persist, seek medical attention.

Inhalation:

Remove to fresh air and seek medical attention if symptoms persist.

Ingestion:

Medical treatment.

Remark:

According to the patient's condition and specific exposure management.

SECTION 5: Firefighting measures

Fire Extinguishing Agent:

Big fires use dry chemical, foam or water fog. Small fires use carbon dioxide, dry chemical or water fog. Water cooling containers which exposed in the fire.

Special Fire Fighting Procedures and equipment:

According to the local emergency plan, decide if you need to evacuate or isolate the area. Water cooling vessels affected by the fire. When fighting fires involving chemicals, self-contained breathing apparatus and protective clothing should be worn.

Hazardous Incomplete Combustion Products:

SiO₂, CO₂ and traces of incompletely burnt carbides.

Prohibit using Fire Extinguishing Agent:

Not determined.

SECTION 6: Accidental release measures

Personal Precautions:

Avoid eye and skin contact. Do not inhale moisture. Do not intake. Keep container tightly closed.

Environmental precautions:

Version 7.1JZ

Page 3 / 5

Revision Date 2025-12-16

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

Methods For Cleaning Up:

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container and destroyed in accordance with local laws and regulations. Clean up remaining materials from spill with suitable absorbant. Dispose of saturated absorbant or cleaning materials appropriately, because even small amount of leakage also have a creamy harm. Require to use of steam, solvents and cleaning agents to do the final clean-up. Properly dispose with saturated absorbent or cleaning materials.

SECTION 7: Handling and storage

Handling Precautions:

Use adequate ventilation and exhaust equipment. Avoid eyes contact. Do not take internally. Keep container tightly closed. Wash after handling, especially for before eating, drinking or smoking.

Storage Conditions:

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

Suitable Packaging Materials:

Not determined.

SECTION 8: Exposure Controls/Personal Protection

Engineering Controls:

Local ventilation equipment

No need to use.

Ordinary ventilation equipment

Suggested use.

Personal Protective Equipment for Routine Handling:

Respiratory protection:

No need to use respiratory protection equipment.

Suitable respirator:

No need to use.

Eye protection:

With proper protection, safety glasses are the minimum requirement.

Hand protection:

No special protection is required.

Skin protection:

When the meal or cleaning work is sufficient.

Version 7.1JZ

Page 4 / 5

Revision Date 2025-12-16

Personal Hygiene Measures:

Exercise good industrial hygiene practice. Wash after handling, specially before eating, drinking or smoking.

SECTION 9: Physical and Chemical Properties

Form:	Fine powder
Color:	White
Odors	Characteristic Odour
pH value:	No data
Flash point:	No data
Refractive index:	No data
Viscosity/ 25°C, cP:	No data
Solids Content %:	No data
Specific gravity:	No data.
Explosion temperature	No data.
Explosive:	No.
Oxidizing properties:	No.

(The above information is for reference only)

SECTION 10: Stability And Reactivity

Stability:

Stable.

Forbidden compound:

Strong acid, strong base, strong oxidant.

Decomposition Products:

SiO₂, CO₂ and traces of incompletely burnt carbides. Formaldehyde.

Hazardous Polymerization:

Hazardous polymerization will not occur.

SECTION 11: Toxicological Information

Health hazard:	Refer to Chapter 3
Sensitization:	Unknown.
Mutagenic Effects:	Unknown.
Reproductive hereditary:	Unknown.
Carcinogenicity:	Unknown.
Other hazard information:	No suitable information.

SECTION 12: Ecological Effects

Environmental impact and its distribution:

Siloxane is separated from water by deposition or bonding to silt and then degraded in soil.

Environmental Impact:

Acute effects: no harmful effects on aquatic organisms.

Chronic effects: no harmful effects on aquatic organisms.

Impact on waste water treatment plants:

It can be removed more than 95% by adhesion with sewage sludge. No harmful effects on bacteria.

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

Road and Rail Transport:

None limitation

Air Transport (IATA):

Not subject to IATA code.

Sea Transport (IMDG):

Not subject to IMDG code.

SECTION 15: Regulatory Information

Applicable regulations:

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.