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

Product Identifier

Product Name: ADDSiL™ 2055

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)
Asymmetrically diol hydroxyl single-end-capped polydimethylsiloxane	/	≥97

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 (CO₂)

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:

SiO₂, CO₂, CH₂O 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	Light yellow
Odor	Slight characteristic
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	no data available
Refractive index	no data available
Density/Relative density	no data available
Autoignition temperature	no data available
Ignition temperature	no data available
Viscosity (25°C)	50-300 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: SiO₂, CO₂, CH₂O 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

no data available

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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.