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

Product Identifier

Product Name: ADDSiL™ 5025

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

Emergency Overview

Flammable liquid. Cause skin irritation and eye irritation.

GHS Hazard Category

Flammable liquid: Category 4
Skin corrosion / irritation: Category 2
Severe eye injury / eye irritation: Category 2B

GHS label elements



Pictogram:

Warning words: Warning

Hazard statement:

H227 flammable liquid.
H315 causes skin irritation.
H320 causes eye irritation

Precautionary statement:

Precautions:

P210 keep away from heat / sparks / open flames. No Smoking.
P233 keep container closed.
P240 vessel and receiving equipment grounding.
P241 use explosion-proof electrical / ventilation / lighting equipment.
P242 use only non sparking tools.
P243 take measures to prevent electrostatic discharge.
P280 wear protective gloves / goggles / face shield.

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Accident response:

P303 + p361 + p353 in case of skin (or hair) contact: remove / remove all contaminated clothing immediately. Wash skin with water / shower.

P305 + P351 + P338 if in eyes: Rinse carefully with water for a few minutes. For example the contact lens can be easily taken out, and continue flushing.

P332 + P313 if skin irritation is felt: seek medical attention / see a doctor.

P337 + P313 if you still feel eye irritation: seek medical attention / see a doctor.

P370 + P378 in case of fire, extinguished with dry sand, dry powder or solubility resistance foam.

Storage precautions:

P403 + p235 keep low temperature and store in a well ventilated place.

Waste disposal:

P501 send the contents / containers to an approved waste treatment plant for treatment.

Physical and Chemical Hazards

Flammable liquid.

Health Hazards

Cause skin irritation and eye irritation.

Environmental Hazards

There is no data indicating that the product has significant environmental impact. For details, see Part 12 of MSDS.

Other hazards:

No data.

SECTION 3: Composition/information on ingredients

Chemical Composition

modified organosilicon (60%)

Components of Hazardous Substances

Dipropylene glycol monomethyl ether (40%)

SECTION 4: First aid measures

Description of first aid measures

If inhaled

Transfer to a place with fresh air to avoid injury immediately.

In case of eye contact

In case of contact with eyes, wash immediately with plenty of water.

In case of skin contact

Take off the contaminated clothes at the first time and wash them with clean water or soapy water immediately.

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If swallowed

Do not induce vomiting, contact the hospital immediately.

Doctor Assistance Information

Doctor's help information: it contains petroleum distillate, and there are no chemicals that require special assistance.

SECTION 5: Firefighting measures

Hazardous characteristics

Inflammable.

Effective means of extinguishing fire

Foam, carbon dioxide, dry powder extinguisher or fire hydrant.

Harmful substances that may be generated during fire extinguishing

Carbon dioxide.

Special equipment required for fire fighting

If necessary, special protective clothing shall be worn during firefighting.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective precautions.

Environmental precautions

The product cannot be introduced into the drainage pipeline.

Methods and materials for containment and clean up:

Absorption of inert materials (e.g. sand, silica gel, sawdust, etc.).

SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe use

Use ventilation equipment and do not take it orally.

Storage precautions

Requirements for storage container and site

The storage container shall be sealed and stored in a ventilated place.

Further requirements for storage conditions

Keep away from heat sources.

SECTION 8: Exposure Controls/Personal Protection

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Allowable contact concentration at the workplace

Compound	CAS#	Standard type	Control parameters		Source
			Value [ppm]	Value [mg/m³]	
Dipropylene glycol monomethyl ether	34590-94-8	TWA	50,0	220,0	EH40 OES
		STEL	110,0	441,0	EH40 OES
		TWA	50,0	221,0	EU ELV
		STEL	100,0	442,0	EU ELV

Personal protective facilities

Eye protection:

Wear protective goggles.

Hand protection:

Wear work gloves

Body protection:

Wear long sleeved clothes.

Respiratory protection:

Respiratory device shall be worn in the place with poor ventilation.

Sanitary measures:

The operation needs to follow strict sanitary operation specifications.

SECTION 9: Physical and Chemical Properties

Appearance:

Physical state:	Yellowish Liquid
Odor:	Special smell
Melting point/range:	No data available
Flash point:	75°C (closed cup test method)
Initial boiling point:	160°C
Steam pressure:	No data available
Density (water 1g/ cm³):	0.99 (20°C) (1.013 HPA) test method: according to DIN EN ISO 2811-3
Bulk density:	No data available
Solubility in water:	Soluble
Viscosity (20°C / 40°C):	No data available
Surface tension:	No data available

SECTION 10: Stability And Reactivity

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Chemical stability: The product is stable under normal conditions
 Reactivity:
 Conditions to avoid: Direct use will not cause decompose.
 Substances to avoid common use: Strong oxidants.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity

Acute oral toxicity no data available

Skin corrosion/irritation

Skin irritation no data available

Serious eye damage/eye irritation

Eye irritation no data available

Toxic dose no data available

Additional suggestion no data available

SECTION 12: Ecological Effects

Ecotoxicity effect

Acute toxicity to fish no data available

Mobility no data available

Microbial toxicity no data available

Other side effects no data available

Degradation information (residue and degradability)

Biodegradability no data available

Bioaccumulation toxicity no data available

SECTION 13: Disposal considerations

Waste treatment methods

Product

Dispose according to local regulations.

Contaminated packaging

Dispose according to local regulations.

SECTION 14: Transport Information

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Land transport	Unrestricted
ADR/RID:	Not dangerous goods.
Sea transport	Unrestricted
IMDG:	Not dangerous goods.
Air transport	Unrestricted
IATA-DGR:	Not dangerous goods.

SECTION 15:Regulatory Information

Applicable regulations

Decree No. 591 of the State Administration of work safety on the safety management of hazardous chemicals:

Catalogue of hazardous chemicals (2015 Edition) (non-serious drugs): Not listed

List of dangerous chemicals liable to explosion: Not listed

Catalogue of hazardous chemicals (version 2015) (highly toxic products): Not listed

Hazardous chemicals (products only): No

The list of the first batch of key regulated hazardous chemicals published by the State Administration of work safety: Not listed

The second batch of hazardous chemicals under key supervision published by the State Administration of work safety: Not listed

List of hazardous chemicals under key environmental management: Not listed

Decree No. 653 of the State Council of the People's Republic of China on the administration of precursor chemicals:

Regulations on import and export management of precursor chemicals:

List of categories and varieties of precursor chemicals attached to the regulations on the administration of precursor chemicals: Not listed

Regulations of the People's Republic of China on the administration of MCCs:

List of various MCCs: Not listed

List of toxic chemicals whose import and export are strictly restricted in China: Not listed

Regulations on labor protection in workplaces where toxic substances are used:

List of highly toxic substances: Not listed

Environmental management measures for new chemical substances:

List of existing chemical substances in China: All ingredients listed

Regulations on the management of ozone depleting substances:

List of controlled ozone depleting substances in China: Not listed

Rotterdam Convention (Annex III): Not listed

Interim Provisions on supervision and management of major hazard installations of hazardous chemicals:

GB18218 identification of major hazard installations of hazardous chemicals: Not listed

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.