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

Product Identifier

Product Name: ADDSiL™ 5916

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

Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation

Label elements

Hazard statements: H315: Causes skin irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements:

P264

Wash hands thoroughly after handling.

P280

Wear protective gloves / protective clothing / eye protection /face protection.

P302+P352

IF ON SKIN: Wash with plenty of water.

P321

Specific treatment (see instructions on this label)

P332+P313

If skin irritation occurs: Get medical advice/attention.

P362

Take off contaminated clothing.

PBT: This product is not identified as a PBT/vPvB substance.

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SECTION 3: Composition/information on ingredients

Ingredient	GHS Classification	Weight%	CAS
METHYL-OXIRANE POLYMER WITH OXIRANE	Skin Irrit. 2: H315	40-60	9003-11-6
Modified Polydimethylsiloxane	-	60-40	68937-55-3

SECTION 4: First aid measures

Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

Most important symptoms and effects, both acute and delayed

Skin contact: There maybe irritation and redness at the site of contact.

Eye contact: There maybe irritation and redness. The eyes may water profusely.

Ingestion: There maybe soreness and redness of the mouth and throat.

Inhalation: There maybe irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

Advice for fire-fighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

Personal precautions

If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to

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unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

SECTION 7: Handling and storage

Handling requirements

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Do not handle in a confined space. Avoid the formation or spread of mists in the air.

Storage conditions

Store in a cool, well ventilated area. Keep container tightly closed.

SECTION 8: Exposure Controls/Personal Protection

Engineering measures

Ensure there is sufficient ventilation of the area.

Respiratory protection

Self-contained breathing apparatus must be available in case of emergency.

Hand protection

Protective gloves.

Eye protection

Safety glasses. Ensure eye bath is to hand.

Skin protection

Protective clothing.

SECTION 9: Physical and Chemical Properties

State

Liquid

Color

Pale yellow

Odor

Characteristic odor

Evaporation rate

No data available.

Oxidising

No data available.

Solubility in water

Insoluble

Also soluble in

Most organic solvents.

Viscosity

Non-viscous

Kinematic viscosity

700 mPa.s

Viscosity test method

Dynamisch 20°C

Boiling point/range°C

>100

Melting point/range°C

No data available.

Flammability limits% lower

No data available.

Flammability limits% upper

No data available.

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Flash point °C	>205
Part.coeff. n-octanol/water	No data available.
Autoflammability °C	>250
Relative density	1.01

SECTION 10: Stability And Reactivity

Reactivity	Stable under recommended transport or storage conditions.
Chemical stability	Stable under normal conditions.
Hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
Conditions to avoid	Heat.
Materials to avoid	Strong oxidising agents. Strong acids.
Haz. decomp. products	In combustion emits toxic fumes.

SECTION 11: Toxicological Information

Information on toxicological effects

Hazardous ingredients **METHYL-OXIRANE POLYMER WITH OXIRANE**

Route	Species	Testing	Value	Unit
ORAL	RAT	LD50	>2000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated

Skin contact	There maybe irritation and redness at the site of contact.
Eye contact	There maybe irritation and redness. The eyes may water profusely.
Ingestion	There maybe soreness and redness of the mouth and throat.
Inhalation	There maybe irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Delayed / immediate effects	Immediate effects can be expected after short-term exposure.

SECTION 12: Ecological Effects

Ecotoxicity values

Hazardous ingredients

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METHYL-OXIRANE POLYMER WITH OXIRANE

Species	Test	Value	Unit
ALGAE	72H ErC50	>100	mg/l
FISCH	96HLC50	>100	mg/l

Persistence and degradability	Biodegradable.
Bioaccumulative potential	No bioaccumulation potential.
Mobility	Readily absorbed into soil.
PBT identification	This product is not identified as a PBT/vPvB substance.
Other adverse effects	Negligible ecotoxicity

SECTION 13: Disposal considerations

Disposal operations

Transfer to a suitable container and arrange for collection by specialized disposal company.

NB

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport Information

Transport class

This product does not require a classification for transport.

SECTION 15: Regulatory Information

Specific regulations

Not applicable.

Chemical safety assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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.