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

Product Identifier

Product Name: ADDSiL™ 5109

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 according to Regulation (EC) No. 1272/2008 [CLP]

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Classification according to EU Directives 67/548/EEC or 1999/45/EC

No particular hazards known

Label elements

The product does not require a hazard warning label in accordance with GHS. The normal safety precautions for the handling of chemicals must be observed.

Other hazards

None known

SECTION 3: Composition/information on ingredients

Mixtures

No hazardous ingredients

Silicon modified polyurethane acrylic resin 95%

BAC (CAS 123-86-4) 5%

SECTION 4: First aid measures

Description of first aid measures

Do not leave the victim unattended.

Remove soiled or soaked clothing immediately.

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In the event of symptoms seek medical advice.

If inhaled

Ensure supply of fresh air.

In case of eye contact

Rinse thoroughly with water.

In case of skin contact

Wash off with soap and water.

If swallowed

Thoroughly clean the mouth with water.

Most important symptoms and effects, both acute and delayed

Symptoms: No special hints.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media

Suitable: foam, carbon dioxide, dry powder, water spray.

Unsuitable: Full water jet

Special hazards arising from the substance or mixture

In the event of fire the following can be released:

- Carbon monoxide, carbon dioxide, silicon dioxide

Advice for firefighters

Do not inhale explosion and/or combustion gases

Use self-contained breathing apparatus

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

Environmental precautions

Do not allow to enter drains or waterways

Do not discharge into the subsoil/soil.

Methods and materials for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, acid binder, universal binder, sawdust). Dispose of absorbed material in accordance with the regulations.

Reference to other sections

For further information on exposure monitoring and disposal see sections 8 and 13.

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SECTION 7: Handling and storage

Precautions for safe handling

Advice on safe handling:

No special measures necessary if stored and handled as prescribed.

Hygiene measures:

Do not eat, drink or smoke when working.

Wash hands before breaks and after work.

Remove soiled or soaked clothing immediately.

General protective measures:

Avoid contact with eyes and skin

Do not inhale gases/vapors/aerosols

Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion

Information: No special measures required.

Storage

Information: None

Further information on storage conditions: Keep container tightly closed.

Specific end use(s)

No further recommendations.

SECTION 8: Exposure Controls/Personal Protection

Control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

Eye protection: This product is not classified as a hazardous substance. Any necessity for eye protection must be determined within the scope of a risk assessment.

Hand protection: Glove material: gloves made of nitril (NBR)

Break through time: 480 min

Glove thickness: 0,2 mm

Eye protection: Safety glasses

Body protection: Protective suit

Respiratory protection: filter apparatus, combination filter A-P2

SECTION 9: Physical and Chemical Properties

Appearance:

Physical state: Transparent to yellowish clear liquid

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Odor:	No data available
Melting point/range:	No data available
Flash point:	>70°C
Initial boiling point:	No data available
Steam pressure:	No data available
Density (water 1g/ cm ³):	1.00-1.04 (25°C)
Bulk density:	No data available
Solubility in water:	Non-miscible
Viscosity (T-4 viscometer):	200-1000cP

SECTION 10: Stability And Reactivity

Chemical stability

The product is stable under normal conditions

Possibility of hazardous reactions

No hazardous reactions with proper storage and handling.

Conditions to avoid

None with proper storage and handling.

Incompatible materials

unknown

Hazardous decomposition products

None with proper storage and handling.

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

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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

In accordance with local authority regulations, take to special waste incineration plant.

Contaminated packaging

If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

SECTION 14: Transport Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture

Major Accident Hazard Legislation: 96/82/EC Update: 2003 Directive 96/82/EC does not apply.

Chemical Safety Assessment

No chemical safety assessment was carried out for this product.

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

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guarantee for any specific product features and shall not establish a legally valid contractual relationship.