

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

Product Identifier	
Product Name:	ADDSiL™ 5109
Relevant identified uses of the sub	ostance or mixture and uses advised against
Relevant applications identified	For industrial use
Details of the supplier of the safety	y 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 handing of chemicals must be observed.
Other hazards
None known

#### **SECTION 3: Composition/information on ingredients**

#### Mixtures

No hazardous ingredients Silicon modified polyurethane acrylic resin BAC (CAS 123-86-4)

95% 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 <sup>3</sup> ):	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.

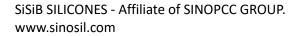
## **SECTION 11:Toxicological Information**

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		
<b>Bioaccumulation toxicity</b>	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.

