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

#### Product Identifier

Product Name: KOBOND™ 9001

#### 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

Combustible liquid. Cause skin irritation and eye irritation.

#### GHS Hazard Category

Combustible liquid Category 4

Severe eye injury / eye irritation Category 2B

#### GHS label elements:



Pictogram:

Warning words: warning

Hazard statement:

H227 Combustible liquid.

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.

Accident response:

P305 + P351 + P338 if in eyes: Rinse carefully with water for a few minutes. For example the contact lens

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can be easily taken out, and continue flushing.

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:**

Combustible liquid.

**Health hazards:**

Cause 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:**

There is no data report.

### SECTION 3: Composition/information on ingredients

**Chemical Composition**

Polyurea polymer (50%)

**Components of Hazardous Substances**

N-methylpyrrolidone (50%)

### 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.

**If swallowed**

Do not induce vomiting, contact the hospital immediately.

**Doctor Assistance Information**

It contains petroleum distillate, and there are no chemicals that require special assistance.

**SECTION 5: Firefighting measures**

**Hazardous characteristics**

Incombustible.

**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**

**Allowable contact concentration at the workplace**

Compound	CAS#	Standard type	Control parameters		Source
			Value [ppm]	Value [mg/m <sup>3</sup> ]	
N-methylpyrrolidone	872-50-4	TWA	80,0	350,0	EH40 OES
		STEL	160,0	700,0	EH40 OES

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		TWA	80,0	350,0	EU ELV
		STEL	160,0	700,0	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:	Yellow to reddish brown Liquid
Odor:	Special smell
Melting point/range:	No data available
Flash point:	91°C (closed cup test method)
Initial boiling point:	200°C
Steam pressure:	No data available
Density (water 1g/ cm <sup>3</sup> ):	1.07-1.17 g / cm <sup>3</sup> at 25°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**

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**

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**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**

**Land transport**

ADR/RID: Not dangerous goods.

**Sea transport**

IMDG: Not dangerous goods.

**Air transport**

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

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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.