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

Product Identifier

Product Name: KOBOND™ 9022

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

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lens 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

Inhalation

Immediately transfer to a place with fresh air to avoid injury.

kin Contact

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

Eye Contact

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

Ingestion:

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.

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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

Use personal precautions.

Environmental protection means

The product cannot be introduced into the drainage pipeline.

Cleaning

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

SECTION 7: Handling and storage

Precautions for operation

Suggestions for 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 ³]	
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

Respiratory protection:

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

Hand protection:

Wear work gloves.

Eye protection:

Wear protective goggles.

Skin to body contact:

Wear long sleeved clothes.

Sanitary means:

The operation needs to follow strict sanitary operation specifications.

SECTION 9: Physical and Chemical Properties

Form:	liquid
Color:	yellow to reddish brown
Smell:	special smell
Melting point:	no relevant data
Flash point:	91 ° C (closed cup test method)
Initial boiling point:	200 ° C
Steam pressure:	no relevant data
Density:	1.09-1.19 g/cm ³ at 25 ° C (1.013 HPA) test method: according to DIN EN ISO 2811-3
Bulk density:	no relevant data
Water solubility:	soluble
Viscosity at 20 ° C:	no relevant data
Viscosity at 40 ° C:	no relevant data
Surface tension:	no relevant data

SECTION 10: Stability And Reactivity

Stability

Stable.

Reactivity

Service conditions to avoid

Direct use will not decompose.

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Substances to avoid common use

Strong oxidants.

SECTION 11: Toxicological Information

Acute oral toxicity	no relevant data
Skin contact toxicity	no relevant data
Eye contact	no relevant data
Toxic dose	no relevant data
Additional suggestion	no relevant data

SECTION 12: Ecological Effects

Ecotoxicity effect	
Acute toxicity (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

Product

Dispose according to local regulations.

Empty drums not cleaned

Dispose of in accordance with 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.

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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.