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

Product Name: KOBOND™ 8012

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****GHS Hazard Category**

Flammable liquid Category 4

Skin corrosion / irritation Category 2

Severe eye injury / eye irritation Category 2B

GHS label elements**Hazard pictograms****Signal word:** Warning**Hazard statements:**

H227 Flammable liquid.

H315 Causes skin irritation.

H320 Causes eye irritation.

Precautionary statements

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/protective clothing/eye protection/face protection.

Accident response:

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P303+P361+P353	In case of skin (or hair) contact: remove / remove all contaminated clothing immediately. Wash skin with water / shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313	If skin irritation is felt: seek medical attention / see a doctor.
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.
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

Flammable liquid

Health Hazards

Cause skin irritation and 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:

No data.

SECTION 3: Composition/information on ingredients

Chemical Composition

Polycarboxylic acid and polysiloxane (50%)

Components of Hazardous Substances

Solvent naphtha (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.

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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**

Inflammable.

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
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			Value [ppm]	Value [mg/m ³]	
Solvent naphtha	64742-94-5	TWA	50,0	220,0	EH40 OES
		STEL	110,0	441,0	EH40 OES
		TWA	50,0	221,0	EU ELV
		STEL	100,0	442,0	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:	Brown Liquid
Odor:	Aromatic smell
Melting point/range:	No data available
Flash point:	70°C (closed cup test method)
Initial boiling point:	139°C
Steam pressure:	No data available
Density (water 1g/ cm ³):	0.98 (20°C) (1.013 HPA) test method: according to DIN EN ISO 2811-3
Bulk density:	No data available
Solubility in water:	Insoluble
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.

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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

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**

Unrestricted

ADR/RID:

Not dangerous goods.

Sea transport

Unrestricted

IMDG:

Not dangerous goods.

Air transport

Unrestricted

IATA-DGR:

Not dangerous goods.

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SECTION 15:Regulatory Information**Instructions to be given on the label**

1999/45/EC

Hazardous substances that must be marked on the trademark

None National regulations.

Notice

The above substances are contained in the EINECS catalog.

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.