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

Product Identifier

Product Name: KOBOND™ 9126
Chemical Name: 2-Amino-2-methyl-1-propanol

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

Flammable liquids Category 4
Skin corrosion/irritation Category 2
Serious eye damage/eye irritation Category 2A
Hazardous to the aquatic environment (long-term) Category 3

GHS Label elements, including precautionary statements



Signal word: Warning.

Hazard statement(s):

Flammable liquids, Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

Precautionary statement(s):

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash hands thoroughly after handling. Do not touch eyes. Avoid release to the environment. Wear protective gloves/ protective clothing/eye protection/face protection/ hearing protection.

Response:

IF ON SKIN: Take off contaminated clothing and wash it before reuse. Wash with plenty of water. If skin irritation occurs: Get medical help.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

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to do. Continue rinsing. If eye irritation persists: Get medical help. Specific treatment (see first aid instructions on this Safety Data Sheet).

In case of fire: Use water, foam, carbon dioxide, dry powder etc. to extinguish.

Storage: Store in well-ventilated place.

Disposal: Dispose of contents/container to in accordance with national regulations.

Other hazards which do not result in classification: No data available

SECTION 3: Composition/information on ingredients

Chemical Name	CAS No.	Neutral equivalent
2-Amino-2-methyl-1-propanol	124-68-5	93%-97%

SECTION 4: First aid measures

Description of necessary first aid measures

If inhaled: If breathed in, move person into fresh air. Keep respiratory tract unobstructed. If difficulty in breathing, give oxygen. If the patient ingests or inhales this substance, do not perform mouth-to-mouth artificial respiration. If not breathing, immediately perform cardiopulmonary resuscitation. Consult a physician.

In case of skin contact: Take off immediately all contaminated clothing. Wash off with plenty of water. Consult a physician. Wash contaminated clothing before reuse.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. If swallowed: Rinse mouth. Do not induce vomiting. Get medical attention immediately. Do not feed anything to an unconscious patient.

Most important symptoms and effects, both acute and delayed: No data available

Indication of immediate medical attention and special treatment needed: No data available

SECTION 5: Firefighting measures

Suitable extinguishing media:

Water spray, foam, carbon dioxide, dry powder.

Special hazards arising from the chemical:

Carbon oxides, nitrogen oxides etc. are produced during combustion. Steam is heavier than air, so it can spread over the ground. It forms explosive mixture with air under sharp heating. In case of fire, hazardous gas or vapor may be generated.

Special protective actions for fire-fighters:

Firefighters must wear gas masks and full body fire-fighting clothes to extinguish the fire in the upwind direction. Cut off the power supply when it is safe. Move the container from the fire site to an open place as far as possible, and spray water to keep the container cool. If the container in the fire site has changed color or generated sound from the safety relief device, it must be evacuated immediately.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Avoid breathing vapors and contact with skin and eyes. Wear protective clothing, gloves, safety glasses and gas mask.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up:

Evacuate personnel to safe areas, and in isolation, restricted access. Emergency response personnel wear self-priming filter type dust mask, wear protective clothing. Don't direct contact with the leakage. MINOR SPILLS: Use sand or other non-combustible materials to absorb the leaked material, collect the leaked material in a sealed and labeled container, and transport it to a waste disposal site for disposal. The contaminated ground is scrubbed with soap or detergent, and the diluted sewage is put into the wastewater system. MAJOR SPILLS: Build a causeway or trenching asylum. Foam coverage, lower vapor disasters. Use explosion-proof pump to transfer to tank truck or special collector, recycle or transport to waste disposal site for disposal.

SECTION 7: Handling and storage

Precautions for safe handling:

Operators must receive special training, strictly abide by the operation procedures. Suggest operators wear self-priming filter type gas mask, eye protection, protective clothing, rubber gloves. Avoid contact with eyes, skin and clothing. Keep ambient air flowing when operating. Keep containers closed when not in use. Keep away from sparks, heat. No smoking. Provide appropriate fire equipment and emergency treatment equipment.

Conditions for safe storage, including any incompatibilities:

Store in cool, dry, well ventilated place. Keep container tightly closed. Keep away from sources of ignition. No Smoking. Note that the label is intact. Handle with care to prevent damage to packaging and containers. It shall be stored separately from strong oxidants, food, etc., and shall not be stored and transported together. Avoid contact with other substances that may cause product decomposition. The storage area shall be equipped with leakage emergency treatment equipment and appropriate materials.

SECTION 8: Exposure Controls/Personal Protection

Control parameters:

Appropriate engineering controls:

Airtight operation, local exhaust ventilation. Eye washers and emergency sprinklers shall be provided near the workplace.

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Personal protective equipment:

Eye/face protection: Safety glasses with side shields and gas mask.

Hand protection: Wear impermeable gloves.

Body protection: Wear safety footwear or safety gumboots, e.g. Rubber. Wear anti-seepage protective clothing.

Respiratory protection: Possible exposure to vapors should wear self-priming filter type gas mask.

Emergency rescue or evacuation, it is recommended to wear air respirators.

SECTION 9: Physical and Chemical Properties

Physical state:	Colorless transparent liquid
Odor:	No smell
Melting point/freezing point:	-1.9°C
Boiling point or initial boiling and boiling range:	<165°C
Flammability:	No data available
Lower and upper explosion limit /flammable limit:	No data available
Flash point:	85°C (closed cup)
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	11.0-12.0
Kinematic viscosity:	No data available
Solubility:	Miscible with water and soluble in alcohol.
Partition coefficient	0.934 g/mL at 25°C
n-octanol/water (log value):	
Vapor pressure:	No data available
Density / relative density:	No data available

SECTION 10: Stability And Reactivity

Reactivity:

No data available

Chemical stability:

Stable under normal temperature and pressure.

Possibility of hazardous reactions:

No data available

Conditions to avoid:

Strong heating.

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Incompatible materials:

Oxidizer, strong acid, copper, brass, aluminum.

Hazardous decomposition products:

No data available

SECTION 11: Toxicological Information

Acute toxicity:

LD50: 2900 mg/kg (Rat, male, Oral), LD50: >2000 mg/kg (Rabbit, Skin).

Skin corrosion/irritation:

Causes skin irritation.

Serious Eye Damage/Eye irritation:

Causes serious eye irritation.

Respiratory/ Skin sensitization:

No data available.

Germ cell mutagenicity:

No data available.

Carcinogen:

No data available.

Reproductive toxicity:

No data available.

Specific target organ toxicity, single exposure:

No data available.

Specific target organ toxicity, repeated exposure:

No data available.

Aspiration hazard:

No data available.

SECTION 12: Ecological Effects

Toxicity:

Harmful to aquatic life with long lasting effects. LC50: 190mg/L (Lepomis macrochirus, 96h), LC50: 193mg/L (Daphnia magna, 48h), EC50: 402mg/L (Desmodesmus subspicatus, 72h).

Persistence and degradability:

No data available.

Bioaccumulative potential:

No data available.

Mobility in soil:

No data available.

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Other adverse effects:

No data available.

SECTION 13: Disposal considerations

Disposal methods:

In accordance with the local environmental protection department under the disposal of the product containers, waste packaging and residues. Consult a professional waste disposal company proposal. Decontaminate empty containers. Waste shipments must be securely packed, properly labeled, and documented.

SECTION 14: Transport Information

UN number

ADR/RID: -

IMDG: -

IATA: -

UN proper shipping name

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

Packaging group

ADR/RID: -

IMDG: -

IATA: -

Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

Special precautions for user

No data available

SECTION 15: Regulatory Information

Regulations: All users must comply with the regulations or standards about safety production, use, storage, transportation, loading and unloading of hazardous chemical in our country.

Regulations on the Safety Management of Dangerous Chemicals (Revised version of 2013)

Regulations on the Safe Use of Chemicals in the Workplace ([1996] Labor Department issued No. 423)

General rule for classification and hazard communication of chemicals (GB 13690-2009)

List of dangerous goods (GB 12268-2012)

Classification and code of dangerous goods (GB 6944-2012)

The principle of classification of transport packaging groups of dangerous goods (GB/T15098-2008)

Occupational exposure limits for hazardous agents in the workplace Chemically hazardous agents (GBZ

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Safety data sheet for chemical products-Content and order of sections (GB/T 16483-2008)

Rules for classification and labelling of chemicals - Part 7: Flammable liquids (GB 30000.7- 2013)

Rules for classification and labelling of chemicals - Part 19: Skin corrosion/irritation (GB 30000.19 - 2013)

Rules for classification and labelling of chemicals - Part 20: Serious eye damage/eye irritation (GB 30000.20 - 2013)

Rules for classification and labelling of chemicals - Part 28: Hazardous to the aquatic environment (GB 30000.28 -2013)

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.