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

Product Name: KOBOND™ 8163

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****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**Labelling according to Regulation (EC) No 1272/2008:**

The product does not require a hazard warning label in accordance with GHS. The normal safety precautions for the handling of chemicals must be observed.

Other hazards:

None known

SECTION 3: Composition/information on ingredients**High M.W. Block style copolymer solution with pigment affinity groups**

Substance

Mixtures

No hazardous ingredients

SECTION 4: First aid measures**Description of first aid measures****General advice**

Do not leave the victim unattended. Remove soiled or soaked clothing immediately.

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If inhaled

Ensure supply of fresh air. In the event of symptoms seek medical advice.

In case of eye contact

In case of contact with eyes, rinse thoroughly with water. In the event of symptoms seek medical advice.

In case of skin contact

In case of contact with skin, wash off with soap and water. In the event of symptoms seek medical advice.

If swallowed

Thoroughly clean the mouth with water. In the event of symptoms seek medical advice.

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**Suitable extinguishing media**

Foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media

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.

Special protective equipment 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 clean 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.

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.

General protective measures

Avoid contact with eyes and skin. Do not inhale gases/vapours/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.

Safety glasses

Hand protection:

Glove material: gloves made of nitril (NBR)

Break through time: 480min

Glove thickness: 0.2mm

Body protection:

Protective suit.

Respiratory protection:

in case of formation of vapours/aerosols: Short term: filter apparatus, combination filter A-P2

SECTION 9: Physical and Chemical Properties**Appearance:**

Physical state: Yellowish to Brownish Red Clear Liquid

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Odor:	Not significant
Ignition temperature:	No data available
pH:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Flash point:	>100°C
Melting point/range:	No data available
Initial boiling point:	No data available
Vapor pressure:	No data available
Density (water 1g/ml):	1.04~1.08 (25°C)
Bulk density:	not applicable
Solubility in water:	no miscible
Viscosity (T-4 viscometer):	6~30s

SECTION 10: Stability And Reactivity

Reactivity:	See section "Possibility of hazardous reactions".
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

Respiratory or skin sensitization

Sensitization no data available

Target Organ Systemic Toxicity (Repeated Exposure)

no data available

SECTION 12: Ecological Effects

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Toxicity

Acute toxicity to fish no data available

Persistence and degradability

Biodegradability no data available

Bioaccumulative potential

Bioaccumulation no data available

Mobility in soil**Results of PBT and vPvB assessment****Other adverse effects**

Additional ecological information 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**

ADR/RID: Not dangerous goods.

Sea transport

IMDG: Not dangerous goods.

Air transport

IATA-DGR: Not dangerous goods.

SECTION 15: Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Major Accident Hazard: 96/82/EC Update: 2003

Legislation: 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**

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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.