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

Product Name: SiSiB® WR4004

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**

Combustible

Safety identification and potentially dangerous

This product contains chemicals that can cause breathing difficulties after being inhaled into.

Physical Properties: The flash point is greater than 65 °C and is not easy to catch fire.

Harm on human body: A lot can stimulate the skin, eye contact.

Contact with skin and mucosa, can stimulate the skin mucous membrane.

Other information

This product is not carcinogenic substances.

SECTION 3: Composition/information on ingredients**Composition / Information on Ingredients****Component**

Alkoxy silane

Methyl silicone resin prepolymer

Water

SECTION 4: First aid measures**Description of first aid measures****Eye Contact**

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

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Skin Contact

IF ON SKIN: Wash with plenty of water or water and soap and wash contaminated clothing and footwear.

Ingestion

Give several small portions of water to drink and see a doctor immediately.

Inhalation

Provide fresh air. Give several small portions of water to drink and see a doctor immediately.

SECTION 5: Firefighting measures

Flammability

Flash point: > 65°C

Extinguishing material

Suitable

- Water mist
- Extinguishing powder
- Alcohol-resistant foam
- Carbon dioxide
- Sand.

Unsuitable

- Water spray
- Water jet.

Advice for Fire Fighters

Special protective equipment for fire fighting:
Use respiratory protection independent of recirculated air.

SECTION 6: Accidental release measures

Seal packaging in time and clean the dirt with water.
Remove any combustible fire.

SECTION 7: Handling and storage

General information

Safe disposal of attention: keep proper ventilation in the workplace. To prevent contact with oxidant and pay attention to prevent slippery due to the dumping of liquid.
Prevent fire explosion

Storage

Prevent the container leak and prevent incompatible physical contact.
Keep container sealed, placed in a dry and ventilated environment.

SECTION 8: Exposure Controls/Personal Protection**Personal Protection**

Keep ventilation and local ventilation.

General health and protective measures.

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

Appearance	Milky white Liquid
Odor	Slight
Odor threshold	Not Applicable
PH	Not Applicable
Boiling point / boiling range	190 °C (374 ° F)
Flash point	65 °C
Ignition temperature	280 °C (536 °F)
Upper/lower flammability or explosive limits	Not Applicable
Vapor pressure	50 hPa at 20 °C
Density	0,968 g/cm ³
Melting point / melting range	Not Applicable
Sustained combustibility	Not Applicable
Viscosity	100mPa.s
Water solubility / miscibility	completely miscible

Other information

Not Applicable

SECTION 10: Stability And Reactivity**Generally information**

There is no danger if the storage and processing in accordance with procedures.

Conditions to avoid

To prevent the acid and alkali into the container.

Dangerous substances

No decomposition of dangerous substances

Other information

Polymerization will not occur.

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SECTION 11: Toxicological Information**Information****Acute toxicity**

Oral LD50 (Rat) >2,000 mg/kg

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Aspiration hazard

no data available

Additional

Preventing ingestion.

SECTION 12: Ecological Effects**Toxicity**

Based on past experience, non-toxic to fish.

Persistence and degradability

Good durability

Biodegradable products

Bioaccumulative potential

Won't produce biological accumulation

Mobility in soil

No mobility

Other adverse effects

No data available

SECTION 13: Disposal considerations**Classification**

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D001 combustible

Waste treatment methods**Disposal Operations**

Dispose of according to the local laws and regulations, disposed as not recycling waste.

Disposal of Packaging

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

SECTION 14:Transport Information**Air (ICAO)**

Not classified as hazardous for transport

Road (ADR)

Not classified as hazardous for transport

Sea (IMDG)

Not classified as hazardous for transport

Environmental hazards

Hazardous to the environment: no

Special precautions for user

Relevant information in other sections has to be considered.

Transport in bulk according to Annex II of MARPOL and the IBC Code

Bulk transport in tankers is not intended.

SECTION 15:Regulatory Information**Safety, health and environmental regulations:**

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

Relevant regulations:

SI 2002/1689: CHIP Regulations 2002

SI 2002/2677: COSHH Regulations 2002

SI 1999/3242: Management of Health & Safety at Work Regulations 1999

Health & Safety at Work Act 1974

SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.

Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

Safety Assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

South Korea (Republic of Korea)

ECL (Existing Chemicals List):

This product is listed in, or complies with, the substance inventory.

Japan

ENCS (Handbook of Existing and New Chemical Substances):

This product is listed in, or complies with, the substance inventory.

Australia

AICS (Australian Inventory of Chemical Substances):

This product is listed in, or complies with, the substance inventory.

People's Republic of China

IECSC (Inventory of Existing Chemical Substances in China):

This product is listed in, or complies with, the substance inventory.

Canada

DSL (Domestic Substance List):

This product is listed in, or complies with, the substance inventory.

Philippines

PICCS (Philippine Inventory of Chemicals and Chemical Substances):

This product is listed in, or complies with, the substance inventory.

United States of America (USA)

TSCA (Toxic Substance Control Act Chemical Substance Inventory):

This product is listed in, or complies with, the substance inventory.

European Economic Area (EEA)

REACH (Regulation (EC) No 1907/2006):

General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.

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.