

Version 5.1R

Page 1 / 5

Revision Date 05.12.2018

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

Product Name: SiSiB® OP3000

Chemical Name: Silane Coupling Agent

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**

No specific hazards are known.

SECTION 3: Composition/information on ingredients**Chemical nature**

SiSiB® OP3000 is an epoxy silane Oligomer, containing both epoxy and methoxy groups.

SECTION 4: First aid measures**Inhalation**

If you feel unwell, seek medical advice (show the label where possible). Remove to fresh air.

Skin contact

Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Wash contaminated clothing before reuse. Get medical attention.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Ingestion

If conscious, drink plenty of water. Do not induce vomiting. Call a physician or poison control center immediately.

SECTION 5: Firefighting measures

| | | |
|--------------|------------|--------------------------|
| Version 5.1R | Page 2 / 5 | Revision Date 05.12.2018 |
|--------------|------------|--------------------------|

Suitable extinguishing media

Water spray, foam, CO2, dry powder

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

Environmental precautions

Do not allow runoff to sewer, waterway or ground.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Transfer into suitable containers. To be disposed of in compliance with existing regulations.

SECTION 7: Handling and storage

Handling

Safe handling advice

Observe the rules usually applicable when handling chemicals.

Advice on protection against fire and explosion

Normal measures of preventive fire protection

Storage

Keep container closed. Purge opened containers with bone dry inert gas before resealing.

SECTION 8: Exposure Controls/Personal Protection

Personal protective equipment

Engineering measures

Provide for good ventilation if vapors/aerosols are formed.

Hand protection

Suitable protective gloves, e.g. rubber gloves.

Eye protection

Safety glasses.

Hygiene measures

Avoid contact with skin and eyes

Do not inhale vapors / aerosols. Remove all contaminated clothing.

SECTION 9: Physical and Chemical Properties**Information on basic physical and chemical properties**

| | |
|------------------------|--------------------------|
| Appearance | Form: clear liquid |
| Color | Colorless Or Pale Yellow |
| Odor | no data available |
| Odor Threshold | no data available |
| Refractive index | 1.4510 25 °C |
| pH | no data available |
| Melting point | no data available |
| Boiling point | >300°C 750 mmHg |
| Flash point: | >100°C closed cup |
| Ignition temperature | no data available |
| Lower explosion limit | No data available |
| Upper explosion limit | No data available |
| Vapor pressure | No data available |
| Density | 1.1530g/mL 20 °C |
| Relative vapor density | No data available |
| Water solubility | No data available |

Other information

no data available

SECTION 10: Stability And Reactivity**Storage stability**

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents, Strong acids.

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, silicon oxides.

SECTION 11: Toxicological Information**Acute toxicity****Irritation and corrosion**

No data available

Sensitization

No data available

Signs and Symptoms of Exposure

Version 5.1R

Page 4 / 5

Revision Date 05.12.2018

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Material may form a siloxane polymer on the skin, eyes, or in the lungs. In the event of direct contact of the liquid with these tissues, seek medical attention

Potential Health Effects**Inhalation**

May be harmful if inhaled. Causes respiratory tract irritation.

Ingestion

May be harmful if swallowed, Causes skin irritation.

Skin

May be harmful if absorbed through skin. May cause skin irritation.

Eyes

Causes eye irritation.

Ingestion

May be harmful if swallowed.

SECTION 12: Ecological Effects**Elimination information**

No data available

Ecotoxicity effects

No data available

Further information on ecology

No data available

SECTION 13: Disposal considerations**Product**

Disposal should be made in accordance with federal, state and local regulations.

Contaminated packaging

Dispose of as unused product.

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

| | | |
|--------------|------------|--------------------------|
| Version 5.1R | Page 5 / 5 | Revision Date 05.12.2018 |
|--------------|------------|--------------------------|

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

Special precautions for users

No data available

SECTION 15:Regulatory Information**Regulatory Information**

ISO 11014-2009 Safety data sheet for chemical products-Content and order of sections.

Regulation(EC) No 1272/2008-Classification, Labeling and Packaging of Substances and Mixtures.

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.