

| | | |
|--------------|------------|-------------------------|
| Version 5.1R | Page 1 / 8 | Revision Date 20.1.2020 |
|--------------|------------|-------------------------|

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

Product Identifier

Product Name: SiSiB® SR8307

Chemical Name: Phenyl polysiloxane

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 [EU-GHS/CLP]

Combustible Liquids (Category 4),H227

Label elements

Labelling according Regulation (EC) No 1272/2008



Pictogram

Signal word Warning

Hazard statement(s)

H227 Combustible Liquids

Precautionary statement(s)

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P370+P378 In case of fire: Use water spray, extinguishing powder or carbon dioxide to extinguish.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/ container in accordance with national regulations.

Other hazards

Version 5.1R

Page 2 / 8

Revision Date 20.1.2020

The product hydrolyses under formation of methanol (CAS-Nr. 67-56-1). Methanol is classified concerning both physical and health hazards. The hydrolysis rate and consequently the relevance for the hazard profile of the product is strongly dependent on the specific conditions.

SECTION 3: Composition/information on ingredients

Substances

Synonyms: Methyl-Phenyl polysiloxane

SECTION 4: First aid measures**General advice**

Take persons to a safe place. Observe self-protection for first aid. Seek medical advice in the event of contact with this substance.

If inhaled

Remove from the source of contamination or move to fresh air. Obtain medical attention. If not breathing, give artificial respiration.

In case of skin contact

As quickly as possible remove contaminated clothing, shoes and leather goods. Wash with soap and water.

In case of eye contact

If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min.

If swallowed

For ingestion, if conscious, give several glasses of water but do not induce vomiting. If vomiting does occur, give additional fluids.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**

Water spray Alcohol-resistant foam Carbon dioxide (CO₂) Dry chemical

Special hazards arising from the substance or mixture

Hazardous combustion products: Silicon oxides

Unusual Fire and Explosion Hazards: Exposure to combustion products may be a hazard to health.

Advice for firefighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Further information

Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to

Version 5.1R

Page 3 / 8

Revision Date 20.1.2020

do so. Evacuate area.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions:

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Keep away from sources of ignition - No smoking. Take measures to prevent the build up of Electrostatic charge.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Moisture sensitive.

Specific end use(s)

no data available

SECTION 8: Exposure Controls/Personal Protection**Control parameters****Components with workplace control parameters**

no data available

Exposure controls**Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Version 5.1R

Page 4 / 8

Revision Date 20.1.2020

Personal protective equipment**Eye/face protection**

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal. Technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be Selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not normally required. If spraying or other operations which generate an aerosol mist are conducted, respiratory protection for exposed personnel is recommended.

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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

| | |
|--|-------------------------------|
| Appearance | Colorless to yellowish liquid |
| Odor | Slight |
| Odor Limit | no data available |
| pH | no data available |
| Melting point/freezing | no data available |
| Initial boiling point | no data available |
| Flash point | >75°C - closed cup |
| Evaporation rate | no data available |
| Flammability (solid, gas) | no data available |
| Upper/lower flammability or explosive limits | no data available |
| Vapor pressure | no data available |
| Vapor density | no data available |
| Relative density | 1.05-1.25 (20°C) |
| Water solubility | no data available |
| Partition coefficient: n-octanol/ water | no data available |
| Autoignition temperature | no data available |
| Decomposition temperature | no data available |
| Viscosity | 100-160 mPa.s at 25°C |
| Explosive properties | no data available |
| Oxidizing properties | no data available |

Version 5.1R

Page 5 / 8

Revision Date 20.1.2020

Other information

no data available

SECTION 10: Stability And Reactivity**Reactivity**

no data available

Chemical stability

Stable

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

moisture , Heat, open flames, and other sources of ignition

Incompatible materials

Strong acids, Strong oxidizing agent

Hazardous decomposition products

Methanol. Benzene.

SECTION 11: Toxicological Information**Information on toxicological effects****Acute toxicity****Skin corrosion/irritation**

Skin - rabbit - Mild skin irritation - 24 h

Serious eye damage/eye irritation

Eyes - rabbit - Mild eye irritation - 24 h

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

For this endpoint no toxicological test data is available for the whole product.

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

Inhalation - May cause respiratory irritation.

Specific target orgtoxicity - repeated exposure

no data available

Aspiration hazard

Version 5.1R

Page 6 / 8

Revision Date 20.1.2020

no data available

Potential health effects**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.**Ingestion** no data available**Skin** no data available**Eyes** no data available**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

no data available

SECTION 12: Ecological Effects**Toxicity**

no data available

Persistence and degradability

no data available

Bio-accumulative potential

no data available

Mobility in soil

no data available

Results of PBT and vPvB assessment

no data available

Other adverse effects

no data available

SECTION 13: Disposal considerations**Waste treatment methods****Product**

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

SECTION 14: Transport Information**UN number; UN proper shipping name; Transport hazard class(es); Packing group**

| | | |
|--------------|------------|-------------------------|
| Version 5.1R | Page 7 / 8 | Revision Date 20.1.2020 |
|--------------|------------|-------------------------|

Road ADR:

Valuation Not regulated for transport

Railway RID:

Valuation Not regulated for transport

Transport by sea IMDG-Code:

Valuation Not regulated for transport

Air transport ICAO-TI/IATA-DGR:

Valuation Not regulated for transport

Environmental hazards

Hazardous to the environment: no

Special precautions for user

no data available

SECTION 15:Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

Chemical safety assessment

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.

| | | |
|--------------|------------|-------------------------|
| Version 5.1R | Page 8 / 8 | Revision Date 20.1.2020 |
|--------------|------------|-------------------------|

United States of America (USA)

TSCA (Toxic Substance Control Act Chemical Substance Inventory):

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

Taiwan

TCSI (Taiwan Chemical Substance Inventory):

This product is listed in, or complies with, the substance inventory. General note: The Taiwanese chemicals regulation requires a phase 1 registration for TCSI-listed or TCSI-compliant substances if imports to Taiwan or manufacturing in Taiwan exceed the trigger quantity of 100 kg/a (for mixtures to be calculated per each ingredient). It is the duty of the importing/manufacturing legal entity to take care of this obligation.

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.