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

Product Name: SiSiB® OF0156  
Chemical Name: Poly(dimethylsiloxane), hydroxy terminated  
CAS-No.: 70131-67-8

**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**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

**Label elements**

The product does not need to be labelled in accordance with EC directives or respective national laws.

**Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients****Substances**

CAS-No. : 70131-67-8

No components need to be disclosed according to the applicable regulations.

**SECTION 4: First aid measures****If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**

Wash off with soap and plenty of water.

**In case of eye contact**

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Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**Indication of any immediate medical attention and special treatment needed**

No data available

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

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**

Carbon oxides, silicon oxides

**Advice for firefighters**

Wear self-contained breathing apparatus for fire fighting if necessary.

**Further information**

no data available

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

Avoid breathing vapors, mist or gas.

For personal protection see section 8.

**Environmental precautions:**

No special environmental precautions required.

**Methods and materials for containment and cleaning up**

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**

For precautions see section 2.

**Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

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Storage class (TRGS 510): Non Combustible Liquids

**Specific end uses**

Apart from the uses mentioned in section 1 no other specific uses are stipulated

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

Contains no substances with occupational exposure limit values.

**Exposure controls****Appropriate engineering controls**

General industrial hygiene practice.

**Personal protective equipment****Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

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**

impervious clothing, 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 not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

No special environmental precautions required.

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

Appearance

Form: liquid

Odor

no data available

Odor Threshold

no data available

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pH	no data available
Melting point/ freezing point	no data available
Initial boiling point and boiling range	182 °C
Flash point:	> 113.00 °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	0.95 g/cm <sup>3</sup> at 25 °C
Water solubility	No data available
Partition coefficient: n-octanol/ water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	50~120cSt
OH Content, weight	1.1~2.0%
Explosive properties	No data available
Oxidizing properties	No data available

**Other safety information**

no data available

**SECTION 10: Stability And Reactivity****Reactivity**

no data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

no data available

**Conditions to avoid**

no data available

**Incompatible materials**

Strong oxidizing agents

**Hazardous decomposition products**

Other decomposition products - No data available

In the event of fire: see section 5

**SECTION 11: Toxicological Information**

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**Information on toxicological effects****Acute toxicity**

LD50 Oral - Rat - &gt; 62,080 mg/kg

Remarks: Gastrointestinal: Other changes. Liver: Other changes. Nutritional and Gross Metabolic: Changes in: Other changes.

LD50 Dermal - Rabbit - &gt; 15,520 mg/kg

Remarks: Kidney, Ureter, Bladder: Other changes. Nutritional and Gross Metabolic: Changes in: Other changes.

**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**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

**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

**Additional Information**

RTECS: VW3157812

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

**SECTION 12: Ecological Effects****Toxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

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**Mobility in soil**

no data available

**Results of PBT and vPvB assessment**

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**Other adverse effects**

no data available

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

Offer surplus and non-recyclable solutions to a licensed disposal company.

**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: -

**Packing 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**

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**

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For this product a chemical safety assessment was not carried out.

**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.