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

Product Name: SiSiB® PC7133  
Chemical Name: Methyl tris(Methylisobutylketoxime)silane  
CAS-No. : 37859-57-7  
EINECS-No. 423-580-0

**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****GHS classification**

Flammable liquids 4  
Skin corrosion/irritation 2  
Serious eye damage/eye irritation 2A  
Specific target organ toxicity, single exposure 3

**GHS Pictograms****Signal words**

Warning

**Hazard statements**

H227 Combustible liquid  
H315 Causes skin irritation  
H319 Causes serious eye irritation  
H335 May cause respiratory irritation

**Precautionary Statement****Prevention**

P210 Keep away from heat/sparks/open flames.-No smoking.  
P264 Wash hands thoroughly after handling.  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332 + P313: If skin irritation occurs: Get medical advice/attention.  
P337 + P313: If eye irritation persists: Get medical advice/attention.  
P280: Wear protective gloves/protective clothing/eye protection/face

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|  |   |
|--|---|
| <b>Precautionary Statement Response</b>                    | protection.<br>P370+P378: In case of fire: Use extinguisher to extinguish |
| <b>Precautionary Statement Storage</b>                     | P403: Store in a well-ventilated place.                                   |
| <b>Precautionary Statement Disposal</b>                    | P501: Dispose of contents/container in according with local regulation.   |
| <b>Other hazards which do Not result in classification</b> | Not applicable  |

## SECTION 3: Composition/information on ingredients

### Substances

Mixtures

Component Information

| Component                                | CAS number | EINECS number | Mass(%) |
|--|------------|---------------|---------|
| Methyltris(Methylisobutylketoxime)silane | 37859-57-7 | 423-580-0     | >90%wt  |

## SECTION 4: First aid measures

|   |  |
|---|--|
| <b>NOTE TO PHYSICIAN</b>                                  | In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation.  |
| <b>After inhalation</b>                                   | Move to fresh air. Oxygen or artificial respiration if needed. Get immediate medical attention.  |
| <b>After skin contact</b>                                 | Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes.<br>If irritation persists, get medical attention immediately.<br>For minor skin contact, avoid spreading material on unaffected skin.<br>Wash clothing separately before reuse. |
| <b>After eye contact</b>                                  | Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention immediately.   |
| <b>After ingestion</b>                                    | If swallowed, wash out mouth with water provided person is conscious. Call a physician.  |
| <b>Most important symptoms/effects, acute and delayed</b> | Causes skin irritation.<br>Causes serious eye irritation. Causes serious eye irritation. May cause respiratory irritation.   |

## SECTION 5: Firefighting measures

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|   |  |
|---|--|
| <b>Suitable extinguishing agents</b>  | Water spray, foam, dry chemical, carbon dioxide, sand.   |
| <b>Special hazards caused by the material, its products of combustion or flue gases</b> | Can be released in case of fire:<br>Carbon oxides, nitrogen oxides, irritating and toxic fumes and gases.  |
| <b>Protective equipment for fire-fighters</b>   | Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. |

## SECTION 6: Accidental release measures

### Person-related safety precautions

Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Do not touch damaged containers spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away

### Measures for environmental protection

Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.

### Measures for cleaning/collecting

Contain spillage, and then collect with non-combustible absorbent material (e.g. sand, earth, diatomaceous earth, vermiculite) and place in suitable container.

### Additional information

Do not get water inside containers.  
Clean contaminated surface thoroughly.  
See Section 7 for information on safe handling.  
See section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

## SECTION 7: Handling and storage

### Handling

|   |   |
|---|---|
| <b>Information for safe Handling</b>        | Avoid inhalation of vapor or mist.<br>Avoid prolonged or repeated exposure.<br>Avoid contact with skin, eyes, mucous membranes and clothing.<br>In case of insufficient ventilation, wear suitable respiratory equipment If ingested. |
| <b>Information about protection against</b> | Keep away from heat, sources of ignition, sparks or open flame. No smoking.<br>Take measures to prevent the build-up of electrostatic charge.   |

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**explosions and fires****STORAGE**

|   |  |
|---|--|
| <b>Requirements to be met by storerooms and containers</b>      | Keep in a cool, dry, well-ventilated place.  |
| <b>Information about storage in one common storage facility</b> | Keep tightly closed until used.  |
|   | Water and moisture sensitive.  |
| <b>Further information about storage conditions</b>             | Store away from incompatible substances such as strong oxidizing agents, strong acids, strong bases. |
|   | No data  |

**SECTION 8: Exposure Controls/Personal Protection****Limit Values for Exposure**

| Component                                 | CAS No.    | ACGIH   | ACGIH    | NIOSH   | NIOSH    |
|---|------------|---------|----------|---------|----------|
| Methyltris(Methylisobutyl ketoxime)silane |            | TLV-TWA | TLV-STEL | REL-TWA | REL-STEL |
|   | 37859-57-7 | N.E.    | N.E.     | N.E.    | N.E.     |

**Appropriate engineering controls**

Use adequate ventilation to keep airborne concentrations low.

Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.

**General protective and hygienic measures**

Do not get this material in contact with skin. Do not get this material on clothing.

Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice.

Wash hands before breaks and at the end of workday.

**Personal protective equipment**

Splash goggles, gloves, apron and a respirator.

**Breathing equipment**

When workers are facing high concentrations they must use appropriate certified respirators.

**Protection of hands**

Wear appropriate chemical resistant gloves.

**Eye/Face protection**

Use safety glasses with side shields or safety goggles as mechanical barrier for prolonged exposure.

**Body protection**

Full set of anti-chemical reagent overalls, flame retardant anti-static protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.

Note: 1. N.E. means not established

**SECTION 9: Physical and Chemical Properties**

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|   |                    |
|---|--------------------|
| <b>Physical state</b>   | Transparent liquid |
| <b>Color</b>  | Colorless          |
| <b>Odor</b>   | No data available  |
| <b>Melting point/freezing point</b>                             | No data available  |
| <b>Boiling point or initial boiling point and boiling range</b> | No data available  |
| <b>Flammability</b>   | No data available  |
| <b>Lower and upper explosion limit/ flammability limit</b>      | No data available  |
| <b>Flash point</b>  | No data available  |
| <b>Auto-ignition temperature</b>                                | No data available  |
| <b>Decomposition temperature</b>                                | No data available  |
| <b>pH</b>   | No data available  |
| <b>Kinematic viscosity</b>                                      | No data available  |
| <b>Solubility</b>   | Reacts with water  |
| <b>Partition coefficient: n-octanol/water(log value)</b>        | No data available  |
| <b>Vapor pressure</b>   |                    |
| <b>Density and/or relative density</b>                          | No data available  |
| <b>Relative vapor density(air=1)</b>                            | No data available  |
| <b>Particle characteristics</b>                                 | No data available  |

**SECTION 10: Stability And Reactivity**

|  |   |
|--|---|
| <b>Chemical stability</b>  | Stable under recommended storage conditions.  |
| <b>Possibility of hazardous reactions</b>                                  | No data available   |
| <b>Conditions to avoid (e.g. and static discharge, shock or vibration)</b> | Heat and flame and spark. The extreme temperatures direct sunlight. Exposure to moisture and water. |
| <b>Incompatible materials</b>  | Avoid contact with water, strong oxidants, strong acids, strong gases, etc.                         |
| <b>Hazardous decomposition products</b>                                    | Carbon oxides, nitrogen oxides, irritating and toxic fumes and gases.                               |

**SECTION 11: Toxicological Information**

**Routes of Entry:** Dermal contact, eye contact, inhalation, ingestion.

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**Acute Toxicity**

|  |  |
|--|--|
| <b>Methyltris(Methylisobutylketoxime)silane (CAS 37859-57-7)</b> | LD50 (Oral, rat) : >2g/kg<br>LC50 (Inhalation, rat): N/A<br>LD50 (Dermal, rabbit): N/A |
| <b>Skin corrosion/irritation</b>                                 | Cause skin irritation  |
| <b>Serious eye damage/irritation</b>                             | Causes serious eye irritation  |
| <b>Respiratory or skin sensitization</b>                         | May cause respiratory irritation.  |
| <b>Germ cell mutagenicity</b>                                    | No data available for this chemical.   |
| <b>Carcinogenicity</b>   | No data available for this chemical.   |
| <b>Reproductive toxicity</b>                                     | No data available for this chemical.   |
| <b>STOT-single exposure</b>                                      | No data available for this chemical.   |
| <b>STOT-repeated exposure</b>                                    | No data available for this chemical.   |
| <b>Aspiration hazard</b>   | No data available for this chemical.   |
| <b>Chronic Effects</b>   | No data available for this chemical.   |
| <b>Further Information</b>                                       | No data  |

**SECTION 12: Ecological Effects****Ecotoxicity**

|                                      |  |
|--------------------------------------|--|
| <b>Aquatic Toxicity</b>              | Methyltris(Methylisobutylketoxime)silane<br>(CAS 37859-57-7)<br>Test & Species<br>96 Hr LC50 fish: N/A<br>48 Hr EC50 Daphnia: N/A<br>72 Hr EC50 Algae: N/A |
| <b>Persistence and degradability</b> | Not available  |
| <b>Bioaccumulative potential</b>     | Not available  |
| <b>Mobility in soil</b>              | Not available  |
| <b>Additional Information</b>        | Not available  |

**SECTION 13: Disposal considerations****WASTE DISPOSAL INSTRUCTIONS**

Contact a licensed professional waste disposal service to dispose of this material.  
Dispose of in accordance with local environmental regulations or local authority requirements.

**SECTION 14: Transport Information**

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## The Recommendation of Transport of Dangerous Goods(TDG)

**UN Number**

**Proper Shipping Name**

**Class/Division** The chemical is not regulated by TDG.

**Package Group** The chemical is non-dangerous goods.

**Subsidiary risk**

**labeling pictogram**

**Maritime transport IMDG** Being same with TDG/No

**Marine pollutant (Yes/No)**

**Air transport ICAO-TI and** Being same with TDG

**IATA-DGR**

## SECTION 15:Regulatory Information

### European/International Regulation

**OSHA:** Hazardous by definition of Hazard Communication Standard(29CFR 1910.1200).

**EINECS Status:** Methyltris(Methylisobutylketoxime)silane (CAS 37859-57-7) is included in EINECS inventory.

**EPA TSCA Status:** Methyltris(Methylisobutylketoxime)silane (CAS 37859-57-7) is included in TSCA inventory.

**Canadian DSL** Methyltris(Methylisobutylketoxime)silane (CAS 37859-57-7) is included in DSL.

### ( Domestic Substances List):

**HMIS(Hazardous** Health:2

**Material Identification** Flammability:2

**System Ratings):** Physical hazard:1

Personal protection:J

(4.Severe Hazard;3.Serious Hazard;2.Moderate Hazard;1 Slight Hazard;0.Minimal Hazard)

### WHMIS(Canadian

Not listed.

### Workplace Hazardous

### Material Identification

### System Ratings):

**GB 12268-2012 List of dangerous goods** This products is not a dangerous goods on the GB12268-2012 list of dangerous goods.

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**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.