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

Product Name: SiSiB® PC7160
Chemical Name: Methyltris(2-pentanoneoxime)silane
CAS-No.: 37859-55-5

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 dangerous substance or mixture according to GHS.

Label elements

Not a dangerous substance or mixture according to the GHS

Labelling according Regulation (EC) No 1272/2008

Signal word None

Precautionary Statements - Prevention

P264 - Wash hands thoroughly after handling
P281 - Use personal protective equipment as required

Precautionary Statements - Response

P314 - Get medical advice/attention if you feel unwell
P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Precautionary Statements - Storage

P401 - Store in a well-ventilated place. Keep container tightly closed.

Precautionary Statements - Disposal

P501 - Dispose of contents/containers in accordance with local regulations.

Other hazards

May be harmful if swallowed.
May be harmful in contact with skin.

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

Synonyms: Methyltris(2-pentanoneoxime)silane

Formula: $C_{16}H_{33}N_3O_3Si$

Molecular weight: 343.54 g/mol

CAS-No. : 37859-55-5

EC-No. : 484-460-1

Component	Classification	Concentration
Methyltris(2-pentanoneoxime)silane		
	Acute Tox. 4, H302; Eye Irrit. 2, H319	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures**Description of first aid measures****After inhalation**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

After skin contact

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing

Do not induce vomiting; call for medical help immediately. Show container or label.

SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture**

Formation of toxic gases is possible during heating or in case of fire.

Advice for firefighters**Protective equipment:**

Mount respiratory protective device.

Do not inhale explosion gases or combustion gases.

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

Ensure adequate ventilation

Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Reference to other sections

See Section 8 for information on personal protection equipment.

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

Ensure good ventilation/exhaustion at the workplace.

see item 8: Personal protective equipment

Conditions for safe storage, including any incompatibilities**Storage****Requirements to be met by storerooms and receptacles:**

Prevent any seepage into the ground.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

SECTION 8: Exposure Controls/Personal Protection**Control parameters****Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

OTHER INFORMATION

No information available

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Exposure controls**Engineering controls**

Ensure adequate ventilation, especially in confined areas.

PPE - Personal Protection Equipment**Eye/face protection**

Wear safety glasses with side shields (or goggles).

Skin and body protection

Wear suitable protective clothing. No special technical protective measures are necessary under normal conditions.

Hand protection

Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

Respiratory protection

No protective equipment is needed under normal use conditions. Respiratory protection required in insufficiently ventilated working areas and during spraying. An air-fed mask, or for short periods of work, a combination of professional filter is recommended.

General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

Environmental exposure controls

No information available.

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

Appearance	Clear viscous Paste
Odor	Characteristic
Odor Threshold	No data available
pH	No data available
Melting point/freezing point	undetermined
Initial boiling point and boiling range	undetermined
Flash point	Not applicable
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
Oxidising properties	Not determined.
Vapour pressure:	Not determined.
Density:	See technical datasheet

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Vapour density	Not applicable.
Evaporation rate	Not determined.
Solubility in / Miscibility with	
Water:	Insoluble
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	Not determined.

SECTION 10: Stability And Reactivity**Reactivity**

no data available

Chemical stability**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

Avoid strong heating.

Possibility of hazardous reactions

No dangerous reactions known

Hazardous decomposition products

Tests on representative products have shown that above temperatures of 150° C small quantities of formaldehyde are split off.

In the event of fire: see section 5

SECTION 11: Toxicological Information**Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

37859-55-5 Methyltris(2-pentanoneoxime)silane

Oral LD50 1,234 mg/kg (rat)

Primary irritant effect:**Skin corrosion/irritation**

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

Other information (about experimental toxicology):

During the application of the product 2-Pentanoneoxim (CAS: 623-40-5) is released. 2-Pentanoneoxim is

harmful if swallowed, causes serious eye irritation, may cause damage to organs through prolonged or repeated exposure and is harmful to aquatic life with long lasting effects.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: Ecological Effects**Additional ecological information:****General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water.

Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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

Observe local by-laws.

Already cured material can be disposed of with the domestic or commercial waste. Unconsumed material (fluid, paste-like) is to dispose of as hazardous waste.

Uncleaned packaging:**Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

SECTION 14: Transport Information

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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

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

National regulations

Waterhazard class: Water hazard class 2 (Self-assessment): hazardous for water.

Details of international registration status:

Listed on or in accordance with the following inventories:

REACH - Europe	listed
AICS - Australia	not listed
DSL - Canada	not listed
IECSC - China	not listed
ENCS - Japan	not listed
NZIoC - New Zealand	listed
PICCS - Philippines	not listed
ECL - Korea	not listed
TSCA - USA	not listed
TCSI - Taiwan	not listed

Chemical Safety Assessment

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

SECTION 16:Other Information

Further information

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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.