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

### Product Identifier

Product Name: SiSiB® PC1860  
 Chemical Name: (N, N-Dimethylaminopropyl) trimethoxysilane  
 CAS-No.: 2530-86-1  
 EC-No.: 219-786-3

### 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

Skin corrosion Category 1B H314

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

### Label elements

#### Labelling according Regulation (EC) No 1272/2008



Pictogram

Signal word

Danger

Hazard statement(s)

H314

Causes severe skin burns and eye damage.

Precautionary statement(s)

P280

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

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTER/doctor.

Supplemental Hazard Statements

none

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**Other hazards** none

### SECTION 3: Composition/information on ingredients

#### Substances

Formula  $C_8H_{21}NO_3Si$   
Molecular weight 207,34 g/mol  
CAS-No. 2530-86-1  
EC-No. 219-786-3

#### Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
<b>N,N-Dimethyl-3-(trimethoxysilyl)propylamine</b>		
CAS-No. 2530-86-1 EC-No.219-786-3	Skin Corr. 1B; Eye Dam. 1; H314, H318	<= 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

##### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

##### If inhaled

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

##### In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

##### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

##### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 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

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**Suitable extinguishing media**

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

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

Carbon oxides, nitrogen oxides (NO<sub>x</sub>), silicon oxides

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

no data available

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

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Evacuate personnel to safe areas.

For personal protection see section 8.

**Environmental precautions:**

Do not let product enter drains.

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

Soak up with inert absorbent material and dispose of as hazardous waste. 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 inhalation of vapor or mist.

Normal measures for preventive fire protection.

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. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class (TRGS 510): 8A: Combustible, corrosive hazardous materials

**Specific end use(s)**

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

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

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**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.

**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.

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

**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**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Do not let product enter drains.

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

Appearance	Form: liquid
Color	colorless
Odor	no data available
Odor Threshold	no data available
pH	no data available
Melting point/freezing point	no data available
Initial boiling point and boiling range	106 °C at 40 hPa - lit.
Flash point:	99 °C - closed cup
Evaporation rate	no data available
Flammability (solid, gas)	no data available

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Upper/lower flammability or explosive limits	no data available
Vapor pressure:	no data available
Vapor density:	no data available
Relative density	0,948 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	no data available
Explosive properties	no data available
Oxidizing properties	no data available
<b>Other safety information</b>	
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. Strong oxidizing agents, acids, Bases

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), silicon oxides

Other decomposition products - No data available

In the event of fire: see section 5

## SECTION 11: Toxicological Information

### Information on toxicological effects

#### Acute toxicity

No data available

#### Skin corrosion/irritation

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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: Not available

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea

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

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

no data available

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

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

**SECTION 14: Transport Information****UN number**

ADR/RID: 2735

IMDG: 2735

IATA: 2735

**UN proper shipping name**

ADR/RID: AMINES, LIQUID, CORROSIVE, N.O.S. (N,N-Dimethyl-3-(trimethoxysilyl)propylamine)

IMDG: AMINES, LIQUID, CORROSIVE, N.O.S. (N,N-Dimethyl-3-(trimethoxysilyl)propylamine)

IATA: Amines, liquid, corrosive, n.o.s. (N,N-Dimethyl-3-(trimethoxysilyl)propylamine)

**Transport hazard class(es)**

ADR/RID: 8

IMDG: 8

IATA: 8

**Packing group**

ADR/RID: II

IMDG: II

IATA: II

**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**

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

**Chemical Safety Assessment**

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

**SECTION 16: Other Information****Full text of H-Statements referred to under sections 2 and 3.**

H314

Causes severe skin burns and eye damage.

H318

Causes serious eye damage.

**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.