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

Product Name: SiSiB® PC1130  
Chemical Name: 3-Aminopropylmethyldimethoxysilane

**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**

According to Regulation (EC) No1272/2008

Skin irritation (Category 2)

Serious eye damage (Category 1)

Skin sensitization (Category 1)

According to European Directive 67/548/EEC as amended.

Irritating to skin. Risk of serious damage to eyes. May cause sensitization by skin contact.

**Signal Word Danger****Hazard Statements:**

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye irritation.

**Precautionary Phrases:**

P280 Wear protective gloves/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.

Hazard symbol(s)

Xi Irritant

R-prase(s)

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R38	Irritating to skin.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
S-phrase(s)	
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S39	Wear eye/face protection.
<b>Other Hazards:</b>	
None.	

## SECTION 3: Composition/information on ingredients

<b>Components:</b>	3-Aminopropylmethyldimethoxysilane
<b>Percent:</b>	>95.0%(GC)
<b>CAS Number:</b>	3663-44-3
<b>EC Number:</b>	222-919-8

## SECTION 4: First aid measures

<b>General advice:</b>	Consult a physician. Show this safety data sheet to the doctor in attendance.
<b>If inhaled:</b>	If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.
<b>In case of skin contact:</b>	Wash off with soap and plenty of water. Consult a physician.
<b>In case of eye contact:</b>	Rinse cautiously with water for at least 15 minutes. Consult a physician.
<b>If swallowed:</b>	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## SECTION 5: Firefighting measures

<b>Extinguishing Media:</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Special protective equipment for fire-fighters:</b>	Wear self-contained breathing apparatus for firefighting if necessary.
<b>Further information:</b>	Under fire conditions, material may decompose to form flammable and/or explosive mixtures in air.

## SECTION 6: Accidental release measures

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**Personal precautions, protective equipment and emergency procedures:**

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

**Environmental precautions**

Do not let product enter drains.

**Methods for cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

**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.

**Specific requirements:**

Moisture sensitive. Handle and store under inert gas. Heat sensitive.

**SECTION 8: Exposure Controls/Personal Protection****Personal protective equipment****Hygiene measures:**

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

**Eye protection:**

Safety Glasses.

**Hand 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.

**Respiratory protection:**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a back up 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).

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**SECTION 9: Physical and Chemical Properties**

<b>Appearance:</b>	Form: clear, liquid Color: colorless
<b>Flash point:</b>	68 °C
<b>Odor:</b>	amine-like
<b>Refractive Index:</b>	1.427(25°C)
<b>Melting point/freezing point:</b>	Not available
<b>Boiling point/range:</b>	200°C (760 mmHg)
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Not available
<b>Upper/lower flammability or explosive limits:</b>	Not available
<b>Vapor Pressure:</b>	Not available
<b>Vapor Density:</b>	Not available
<b>Relative density:</b>	0.95 g/cm <sup>3</sup>
<b>Water solubility:</b>	Not available

**SECTION 10: Stability And Reactivity****Storage stability:**

May decompose on exposure to mist air or water. Stable under recommended storage conditions.

**Materials to avoid:**

Strong acids, Strong oxidizing agents, Water, Bases, Alcohols, Peroxides.

**Hazardous Decomposition Products:**

Hazardous decomposition products formed under fire conditions. –Carbon oxides, nitrogen oxides(NOx), silicon oxides.

**SECTION 11: Toxicological Information**

**Acute toxicity:** no data available

**Chronic exposure:**

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.

**Signs and Symptoms of Exposure:**

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

**Skin corrosion/irritation:** May be harmful if absorbed through skin.

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<b>Serious eye damage/eye irritation:</b>	Causes skin irritation.
<b>Ingestion:</b>	Causes eye irritation.
<b>Inhalation:</b>	May be harmful if swallowed.
	May be harmful if inhaled. May cause respiratory tract irritation.

**SECTION 12: Ecological Effects**

<b>Elimination information:</b>	Not available
<b>Environmental Fate:</b>	Not available

**SECTION 13: Disposal considerations****Product**

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

**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. (3-Aminopropylmethyldimethoxysilane)

IMDG: AMINES, LIQUID, CORROSIVE, N.O.S. (3-Aminopropylmethyldimethoxysilane)

IATA: AMINES, LIQUID, CORROSIVE, N.O.S. (3-Aminopropylmethyldimethoxysilane)

**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**

Regulation (EC) No 1272/2008-Classification, Labelling and Packaging of Substances and Mixtures.

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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.