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

Product Name: SiSiB® PC1620  
 Chemical Name: 3-(N-Cyclohexylamino)propylmethyldimethoxysilane  
 CAS-No.: 120218-28-2

**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**

H315	Skin Irrit. 2	R38, R36/38, R36/37/38, R37/38
H319	Eye Irrit. 2	R36, R36/37, R36/38, R36/37/38
H335	STOT SE 3a	R37, R36/37, R36/37/38, R37/38

**Label elements**

Signal word Warning

**Hazard statement(s)**

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

**Precautionary statement(s)**

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

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P332 + P313 contact lenses, if present and easy to do. Continue rinsing.  
If skin irritation occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.

**Other hazards**

Additional precautionary phrases are located throughout the safety data sheet

**SECTION 3: Composition/information on ingredients****Substance:** 3-(N-Cyclohexylamino)propylmethyldimethoxysilane

Assay:100% CAS Number :120218-28-2

**Mixtures**

Not Relevant

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

Skin Contact P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P332 + P313: If skin irritation occurs: Get medical advice/attention.

Eye Contact P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
P337 + P313: If eye irritation persists: Get medical advice/attention.

Ingestion Wash out mouth with water.

Inhalation P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Most important symptoms and effects**

No symptoms.

**Indication of any immediate medical attention**

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

No additional measures required

**SECTION 5: Firefighting measures****Extinguishing Media**

Suitable Carbon dioxide.  
Dry chemical powder.  
Water.

Unsuitable Do not use water with a full water jet

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

In combustion toxic fumes may form.

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**Advice for Fire Fighters**

Wear protective clothing to prevent contact with skin and eyes.

Wear self-contained breathing apparatus.

**SECTION 6: Accidental release measures****Personal precautions**

Refer to section 8 of SDS for personal protection details..

**Environmental precautions**

Do not discharge into drains or rivers.

**Methods & Materials**

Mix with sand or vermiculite.

Transfer to a suitable container.

**Preventing the occurrence of secondary hazards.**

No Special Measures Required

**SECTION 7: Handling and storage****Personal Precautions**

Safe Handling

Handle in fume hood.

Wash hands immediately after contamination.

P264: Wash hands thoroughly after handling.

Protection against

explosions and fires

P362: Take off contaminated clothing and wash before reuse.

normal measures for preventive fire protection

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

Managing Storage Risks

Keep container tightly closed.

Store in cool, well ventilated area.

Storage Controls

No special requirements

Maintaining Integrity

Keep in tightly closed container in cool area away from direct sunlight or heat sources.

Other advice

P403 + P233: Store in a well-ventilated place. Keep container tightly closed.

**Specific End Uses**

The end use(s) have not been fully determined. The substance is supplied for Research and

Development purposes by professionals only.

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

No Data Available

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## Exposure Controls

General protective and hygiene measures.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

The standard precautionary measures should be adhered to when handling

Wash hands during breaks and at the end of handling the material

Immediately remove any contaminated clothing.

Engineering measures

P271: Use only outdoors or in a well-ventilated area.

Ensure there is sufficient ventilation of the area.

Eye / Face Protection

Safety Glasses.

Hand protection

Protective gloves.

Respiratory protection

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

Respiratory protection not required.

Skin protection

Protective clothing.

Other personal protection

no data

advice

## SECTION 9: Physical and Chemical Properties

### Physical and Chemical Properties

Appearance	Clear colorless liquid
Odor	No Data Available
Odor threshold	No Data Available
PH	No Data Available
Melting point /	
Freezing point	No Data Available
Initial boiling point and	No Data Available
boiling range	
Flash point	No Data Available
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	No Data Available
Solubility(ies):	No Data Available
Partition coefficient:	No Data Available
n-octanol/water	
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available

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Viscosity No Data Available

Explosive properties No Data Available

Oxidising properties No Data Available

#### Other Information

No additional information available

## SECTION 10: Stability And Reactivity

#### Reactivity

no unusual reactivity

#### Stability

Stable under normal conditions.

#### Possibility of Hazardous Reactions

no hazardous reactions known

#### Conditions to Avoid

no specific conditions to avoid

#### Incompatible Materials

Strong oxidizing agents.

#### Hazardous Decomposition Products

In combustion emits toxic fumes.

## SECTION 11: Toxicological Information

#### Information

Acute Toxicity no data

Skin corrosion/irritation irritant for skin and mucous membranes

Serious eye irritant effect

Damage/irritation

Respiratory or skin No sensitizing effect known

Sensitization

Germ Cell mutagenicity not known

Carcinogenicity not known

Reproductive toxicity not known

STOT-single exposure not known

STOT-repeated exposure not known

Aspiration hazard not known

#### Additional

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or

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## SECTION 12: Ecological Effects

### Toxicity

not known

### Persistence and degradability

not known

### Bioaccumulative potential

not known

### Mobility in soil

not known

### Results of PBT & vPvB assessment

not known

### Other adverse effects

not known

## SECTION 13: Disposal considerations

### Waste Treatment Methods

Disposal Operations	Consult state, local or national regulations for proper disposal. Hand over to authorized disposal company as hazardous waste.
Disposal of Packaging	Disposal must be made according to official regulations.

## 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

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no data available

**SECTION 15:Regulatory Information****Safety, health, environmental and national regulations:**

Product is not subject to any additional regulations or provisions

**Safety Assessment**

No Chemical Safety Assessment

**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.