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

Product Name: SiSiB® PC2000B

Chemical Name: The mixture of Bis[3-(triethoxysilyl)propyl] polysulfide(50%) and Carbon Black(50%)

**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**Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.  
This product is not classified according to Regulation (EC) n0 1272/2008 (CLP Regulation).**SECTION 3: Composition/information on ingredients**

Substance Name	CAS#	EC#	Content (%)
Bis[3-(triethoxysilyl)propyl] Polysulfide	211519-85-6		50%
Carbon black	1333-86-4	215-609-9	50%

**HS Code:** 3824909285

**SECTION 4: First aid measures****If inhaled**If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.  
Get medical attention if ill effects persist.**In case of skin contact**

In case of contact, immediately wash skin with soap and copious amounts of water. Get medical attention if irritation or ill effects persist.

**In case of eye contact**

In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Get medical attention.

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**If swallowed**

If swallowed, wash out mouth with water provided person is conscious. Get medical attention.

**SECTION 5: Firefighting measures****Suitable extinguishing media**

Water spray. Carbon dioxide, dry chemical powder or appropriate foam. Water can be used to cool fire exposed containers.

**Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

**Specific Hazard(s)**

Static electricity may accumulate and ignite suspended dust, causing an explosion. Bond and ground containers and equipment as appropriate. Also refer to standards that describe appropriate explosion prevention practices.

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

Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves.

**Environmental precautions**

Do not let product enter drains.

**Methods for cleaning up**

Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Sweep, mop or wipe up and contain for salvage or disposal. Fine powders may require special vacuum filters; damp mopping or washing is preferred. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

**SECTION 7: Handling and storage****Handling**

Use with adequate ventilation. Product evolves flammable ethyl alcohol on exposure to water or humid air. Provide ventilation during use to control ethanol within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not take internally.

**Storage**

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Keep tightly closed. Store in a cool dry place. Store away from oxidizing materials.

## SECTION 8: Exposure Controls/Personal Protection

### Engineering controls

Local ventilation and general ventilation. Ethyl alcohol is formed upon contact with water or humid air.  
Mechanical exhaust required. Safety shower and eye bath.

### Personal protective equipment

#### Respiratory protection

Government approved respirator.

#### Hand protection

Compatible chemical-resistant gloves.

#### Eye protection

Chemical safety goggles.

#### Hygiene measures

Wash contaminated clothing before reuse. Wash thoroughly after handling.

## SECTION 9: Physical and Chemical Properties

### Information on basic physical and chemical properties

Appearance	Form: Coarse powder
Color:	Black
Molecular Weight:	N/A
Odor:	N/A
pH:	N/A
Melting point:	N/A
Boiling point:	N/A
Flash point:	N/A
Ignition temperature:	N/A
Refractive Index:	N/A
Lower explosion limit:	N/A
Upper explosion limit:	N/A
Vapor pressure:	N/A
SG/Density:	1.35g/cm <sup>3</sup>
Relative vapor density:	N/A
Water solubility:	N/A

N/A = not available

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

Stable under recommended storage conditions.

**Materials to avoid**

Strong oxidizing agents. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.

**Hazardous decomposition products**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Sulfur oxides. Formaldehyde. Chlorine compounds.

**Hazardous polymerization**

Hazardous Polymerization: Will not occur.

**SECTION 11: Toxicological Information****Chronic exposure**

Prolonged overexposure to Ethanol has caused human birth defects.

**Signs and Symptoms of Exposure**

**IARC Group 2B:** Carbon black may possibly cause carcinogenic to humans.

**Potential Health Effects**

**Skin Contact:** May cause skin irritation

**Eye Contact:** May cause eye irritation.

**Inhalation:** Material may be irritating to mucous membranes and upper respiratory tract.

**Multiple Routes:** May be harmful by inhalation, ingestion or skin absorption.

**SECTION 12: Ecological Effects**

No data available

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

Observe all federal, state, and local environmental regulations.

**Contaminated packaging**

Dispose of as unused 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**

This safety datasheet complies with the requirements of Regulation (EC) No. 1272/2008.

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

no data available

**Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

**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.