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

Product Name: SiSiB® PC7970
Chemical Name: Propyltriacetoxysilane
CAS-No.: 17865-07-5

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**GHS classify**

Physical hazard Unclassified
Health hazard
Skin irritation Category 1B
Serious eye damage/irritation Category 1
Environmental hazards Unclassified

GHS Label elements

Pictogram

Signal word

Danger

Hazard statement(s)

H314

Causes severe skin burns and eye damage.

Precautionary statement(s)

P210

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P280

Wear protective gloves/ eye protection/ face protection.

P261

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

P240

Ground/connected containers and receiving equipment.

Reaction statement(s)

P301+P312

If swallowed: Call a Poison center or doctor if you feel unwell.

P302+P352

If on skin, wash with plenty of soap and water.

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P305+P351+P338

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312

Call a Poison center or doctor if you feel unwell.

P321

Specific emergency response (see first aid instructions provided on this label).

P330

Gargle.

P333 + P313

If skin irritation or rash occurs: Seek medical advice.

P337 + P313

If eyes irritation persists: Seek medical advice.

P363

Wash contaminated clothing before reuse.

P391

Collect spillage.

Safe storage

P405

Store locked up.

Waste disposal

P501

Dispose of contents/container to an approved waste disposal plant.

Other effects

Chronic: No information found

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

CAS-No.:

17865-07-5

Hazardous ingredients

Chemical name	CAS No.	Concentration
propyltriacetoxysilane	17865-07-5	≥90.0%
Acetic acid	64-19-7	≤5%
Acetic oxide	108-24-7	≤5%

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. Move out of dangerous area.

If inhaled

Remove the victim to fresh air, keep breathing comfortable and rest. Call a poison center/doctor if you feel unwell.

In case of skin contact

Removed all contaminated clothing immediately.

Wash gently with plenty of soap and water.

If skin irritation or rash occurs: seek medical attention.

In case of eye contact

Immediately flush eyes with plenty of water for at least 15 minutes

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If convenient and easy to operate, remove contact lenses. Keep cleaning.

If eye irritation: seek medical attention.

If swallowed

If you feel unwell, call the poison center/doctor. Rinse your mouth.

Protection of emergency rescuer

Rescuers need to wear personal protective equipment, such as rubber gloves and air-tight goggles.

SECTION 5: Firefighting measures**Flash point**

Flash point is about $>96.0^{\circ}\text{C}$ (Test method: closed cup).

Suitable extinguishing media

Use dry powder or foam in large fires and carbon dioxide, dry powder, sand in small fires.

Water can be used to cool containers affected by the fire.

Special hazards

Caution, toxic fumes may decompose under fire or high temperature.

Special methods

Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Special protective equipment for firefighters

When putting out of a fire, always wear personal protective equipment.

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

Use personal protective equipment. Prevent inhalation of vapors, aerosols or gases. Ensure adequate ventilation.

Environmental precautions

Take measures to prevent further leakage or overflow under safe conditions. Prevent product from entering drains. Prevent discharge into the surrounding environment.

Methods and materials for suppressing and removing spills.

It is absorbed by inert adsorption material and treated as hazardous waste. Store in a suitable closed processing container.

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

Use in a ventilated place.

When using the product, use an air-supply or self-contained breathing apparatus to provide ventilation.

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Do not get into your eyes.

Avoid contact with skin. Avoid breathing in steam, mist, dust or smoke.

Keep container sealed.

Don't take it internally.

Develop good industrial hygiene habits, must clean, before eating, drinking or smoking.

Precautions against fire and explosion

Take fire protection measures.

Storage precautions

Store in the shade. Keep container closed and store in a dry and ventilated place.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

SECTION 8: Exposure Controls/Personal Protection

Maximum permissible concentration

Component	CAS No.	Maximum permissible concentration
propyltriacetoxysilane	17865-07-5	See acetic acid comments.
Acetic acid	64-19-7	CHINA: TWA 10 mg/m ³ . STEL 20 mg/m ³ . OSHA PEL: TWA 10 ppm ACGIH TLV: TWA 10 ppm, STEL 15 ppm.
Acetic oxide	108-24-7	CHINA: TWA 16 mg/m ³ . OSHA PEL and ACGIH TLV: TWA 5 ppm.

Engineering control**Personal protective**

Respiratory protection: gas mask. According to local and government regulations.

Hand protection: protective gloves.

Eye protection: safety goggles. Wear a mask if necessary.

Skin and body protection: protective clothing. Wear protective boots if necessary.

Environmental protection

Local Ventilation: Recommended

General Ventilation: Recommended

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

Appearance	Form: liquid
Color	light yellow transparent
pH	4.5 (25°C)
Melting point	no data available
Flash point	>96°C (tag closed cup)
Ignition temperature	no data available
Oxidizing properties	no

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Upper explosion limit	no data available
Lower explosion limit	no data available
Vapor pressure	no data available
Vapor density	no data available
Density/relative density	1.112g/cm ³ (25°C)
Solubility	React with water
Heat of combustion	no data available
Viscosity (dynamic)	no data available

SECTION 10: Stability And Reactivity**General information**

Stored and handled in accordance with standard industrial practices without harmful reactions.

Chemical stability: Stable

Reactive

Conditions to avoid: Incompatible materials, sources of ignition, excess heat, exposure to moist air.

Hazardous decomposition products: carbon oxides and incompletely combusted carbon compounds, silicon dioxide.

Hazardous polymerization: Hazardous polymerization will not occur.

SECTION 11: Toxicological Information

Route of Exposure: Inhalation, skin contact and accidental ingestion.

Signs and Symptoms of Overexposure:

Harmful if inhaled. Harmful if swallowed. Causing severe eye damage. May cause skin irritation.

Acute Toxicity:

Chemical Name	CAS No.	LD50 (Oral)	LD50 (Dermal)	LC50 (Inhalation)
propyltriacetoxysilane	17865-07-5	-	-	-

Potential health effects

Inhalation: May be harmful if inhaled. May cause respiratory irritation.

Ingestion: Be harmful to human body.

Skin: Be harmful if absorbed through the skin. May cause skin irritation.

Eyes: Cause eye irritation.

Chronic Toxicity

Organosilicon compounds are generally low in toxicity.

Other Health Hazard Information

No data available

SECTION 12: Ecological Effects

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Ecotoxicity

Fish: No data available
Toxicity to water fleas and other aquatic invertebrates: No data available
The algae: No data available

Residuality/degradability

The product is hydrolyzed in water or moist air, releasing Acetic acid and organosilicon compounds.

Potential bioaccumulation (BCF): No data available

Mobility in Soil: No data available

Additional Environmental Information

Environmental hazards cannot be ruled out even in cases of professional treatment or disposal.

SECTION 13: Disposal considerations

Product disposal: Dispose of in accordance with local regulations.
Packaging disposal: Dispose of in accordance with local regulations.

SECTION 14: Transport Information**UN number**

ADR/RID: 3265

IMDG: 3265

IATA: 3265

UN proper shipping name

ADR/RID: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

IMDG: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.

IATA: Corrosive liquid, acidic, organic, n.o.s.

Passenger Aircraft: Not permitted for transport

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**Applicable regulations**

Relevant regulations are in accordance with Article 423 of the "Regulations on Chemical Safety Management" promulgated by the Ministry of Labor (1996), especially the regulations on the safe use, production, storage and transportation of hazardous chemicals.

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Chemical Safety Assessment

AICS: All ingredients listed or exempt.

IECSC: All ingredients listed or exempt.

KECL: All ingredients listed or exempt.

EINECS: All ingredients listed or exempt.

TSCA: All chemical substances in this material are included or exempted from the TSCA Chemical Substance List.

MITI: Not determined.

DSL: All chemicals in this material are included or exempted in the DSL.

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.