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

### Product Identifier

Product Name: SiSiB® PC9530  
 Chemical Name: Dimethoxydicyclopentylsilane  
 CAS-No.: 126990-35-0  
 EC-No.: 404-370-8

### 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[EU-GHS/CLP]

Acute toxicity, Oral	Category 4	H302
Skin corrosion/irritation	Category 2	H315
Serious eye damage/eye irritation	Category 1	H318
Acute aquatic toxicity	Category 1	H400
Chronic aquatic toxicity	Category 1	H410

#### Classification according to EU Directives 67/548/EEC

Hazard symbols Xi – Irritant  
 N - Dangerous for the environment  
 R-code(s) Xi;R41 - Xi;R38 - N;R50/53

### Label elements

Contains Dimethoxydicyclopentylsilane  
 Pictogram



Signal word Danger

Hazard statement(s)

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H302	Harmful if swallowed.
H318	Causes serious eye damage.
H315	Causes skin irritation.
H410	Very toxic to aquatic life with long lasting effects
EUH210-Safety data sheet available on request	
Precautionary statements	
P321	Specific treatment (see Emergency Phone Number on this label)
P280	Wear 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 or doctor/ physician.
<b>Other hazards</b>	
Not applicable	

## SECTION 3: Composition/information on ingredients

### Substances

Synonyms	Dicyclopentyl(dimethoxy)silane
Formula	C <sub>12</sub> H <sub>24</sub> O <sub>2</sub> Si
Molecular Weight	228.4 g/mol

Chemical	EC No	CAS No	Weight %	Classification according to 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Dimethoxydicyclopentylsilane	404-370-8	126990-35-0	100	Xi; R38-41 N; R50-53	Acute Tox. 4 (H302)

Full text of R-phrases: see section 16

Full text of H- and EUH-phrases: see section 16

## SECTION 4: First aid measures

### General advice

If symptoms persist, call a physician.

### If inhaled

Remove to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required.

Move to fresh air in case of accidental inhalation of vapors.

### In case of skin contact

Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician.

Wash contaminated clothing before reuse. Wash off immediately with plenty of water. Immediate medical

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attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

**In case of eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.

**If swallowed**

Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

**Self-protection of the first aider**

Use personal protective equipment as required.

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

Symptoms No information available.

**Indication of any immediate medical attention and special treatment needed**

Note to physicians Treat symptomatically.

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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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

Special hazards arising from the chemical

No information available

Hazardous combustion products

Carbon oxides.

**Advice for firefighters**

Special protective equipment for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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

Personal precautions

Use personal protective equipment as required. Avoid contact with eyes and skin. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

For emergency responders

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Use personal protection recommended in Section 8.

**Environmental precautions:**

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so.

Prevent product from entering drains. See Section 12 for additional Ecological Information.

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

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

After cleaning, flush away traces with water. Prevent product from entering drains. Dam up.

**Reference to other sections**

See Section 12: ECOLOGICAL INFORMATION.

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

Advice on safe handling:

Use personal protective equipment as required. Ensure adequate ventilation, especially in confined areas.

Use with local exhaust ventilation. Do not breathe dust/fume/gas/mist/vapors/spray.

General Hygiene Considerations:

When using, do not eat, drink or smoke. Wash contaminated clothing before reuse. Regular cleaning of equipment, work area and clothing is recommended.

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

Storage conditions

Keep container tightly closed. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

**Specific end use(s)**

Risk Management Methods (RMM):

The information required is contained in this Material Safety Data Sheet.

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

Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Derived No Effect Level (DNEL)

No information available

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Predicted No Effect Concentration (PNEC)

No information available

**Exposure controls**

**Engineering controls**

Showers

Eyewash stations

Ventilation systems

**Eye/face protection**

Tight sealing safety goggles. Face protection shield.

**Skin and body protection**

Suitable protective clothing. Apron. Gloves made of plastic or rubber.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Environmental exposure controls**

Do not allow into any sewer, on the ground or into any body of water.

## SECTION 9: Physical and Chemical Properties

**Information on basic physical and chemical properties**

Physical State	Liquid
Appearance	No information available
Odor	No information available
pH	No information available
Melting point/freezing point	No information available
Boiling point	251 °C
Flash point:	102 °C
Density	No information available
Evaporation rate	No information available
Upper flammability limits	No information available
Lower flammability limits	No information available
Vapor pressure:	No information available
Vapor density:	No information available
Specific gravity	No information available
Water solubility:	No information available
Solubility in other solvents	No information available
Partition coefficient	No information available
Auto-ignition temperature	No information available
Decomposition temperature	No information available

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Kinematic viscosity	No information available
Explosive properties	No information available
Oxidizing properties	No information available

## SECTION 10: Stability And Reactivity

### Reactivity

Not applicable

### Chemical stability

Stability Stable under recommended storage conditions

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

### Possibility of hazardous reactions

Hazardous polymerization No information available.

Possibility of Hazardous Reactions None under normal processing.

### Conditions to avoid

Extremes of temperature and direct sunlight.

### Incompatible materials

Strong oxidizing agents

### Hazardous decomposition products

Carbon oxides

## SECTION 11: Toxicological Information

### Information on toxicological effects

#### Acute toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Unknown acute toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity.

#### The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 500.00 mg/kg

## SECTION 12: Ecological Effects

### Toxicity

#### Ecotoxicity

May cause long lasting harmful effects to aquatic life.

Unknown aquatic toxicity

0% of the mixture consists of components(s) of unknown hazards to the aquatic environment.

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**Persistence and degradability**

No information available

**Bioaccumulative potential**

No information available

**Mobility in soil**

No information available

**Results of PBT and vPvB assessment**

No information available

**Other adverse effects**

No information available

**SECTION 13: Disposal considerations****Waste treatment methods****Waste from residues/unused products**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**Other Information**

Waste codes should be assigned by the user based on the application for which the product was used.

**SECTION 14: Transport Information****ADR/RID**

UN-Number: 3082                      Class: 9                      Packing group: III

Proper shipping name:

Umweltgefährdender Stoff, flüssig, n.a.g..(Dicyclopentyl dimethoxysilan)

**IMDG**

UN-Number: 3082                      Class: 9                      Packing group: III

Proper shipping name:

Environmentally hazardous substance, liquid, n.o.s..(Dicyclopentyl dimethoxysilane)

**IATA**

UN-Number: 3082                      Class: 9                      Packing group: III

Proper shipping name:

Environmentally hazardous substance, liquid, n.o.s..(Dicyclopentyl dimethoxysilane)

**Environmental hazards**

Hazardous to the environment: yes

Marine Pollutant (IMDG): yes

Special precautions for user

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Relevant information in other sections have to be considered.

## SECTION 15:Regulatory Information

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

#### National Regulations

European Union

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

#### International Inventories

All of the components in the product are on the following Inventory lists

TSCA (United States): Canada (DSL/NDSL) Europe (EINECS/ELINCS/NLP) Australia (AICS) China (IECSC) ENCS (Japan): Philippines (PICCS)

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Dimethoxydicyclo pentylsilane	X	X	-	-	X	X	X	-	X	X

#### X - Listed

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

#### Chemical Safety Assessment

no data available.

## SECTION 16:Other Information

Full text of R-phrases referred to under sections 2 and 3

R41 - Risk of serious damage to eyes

R38 - Irritating to skin

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Full text of H-Statements referred to under sections 2 and 3

H302 - Harmful if swallowed

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

#### 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



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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.