

Version 6.1S

Page 1 / 9

Revision Date 25.12.2020

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

Product Name: SiSiB® PC9410  
 Chemical Name: 1,3-BIS(3-AMINOPROPYL)TETRAMETHYLDISILOXANE  
 CAS-No.: 2469-55-8  
 EC-No.: 219-588-7

**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 according to Regulation (EC) No. 1272/2008 [CLP]**

Skin corrosion/irritation Category 2 H315  
 Serious eye damage/eye irritation Category 1 H318

For the full text of the H-Statements mentioned in this Section, see Section 16.

**Labelling according Regulation (EC) No 1272/2008 [CLP]**

Pictogram

Signal word

Danger

Hazard statement(s)

H315

Causes skin irritation.

H318

Causes serious eye damage.

Precautionary statement(s)

P280

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

P264

Wash hands thoroughly after handling.

P302+P352

IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes.

P310

Remove contact lenses, if present and easy to do. Continue rinsing  
 Immediately call a POISON CENTER or doctor/physician.

Version 6.1S	Page 2 / 9	Revision Date 25.12.2020
--------------	------------	--------------------------

P362+P364

Take off contaminated clothing and wash it before reuse.

**Other hazards**

No additional information available

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

Synonyms:	Tetramethyl-1,3-bis(3-aminopropyl)disiloxane
Formula:	C <sub>10</sub> H <sub>28</sub> N <sub>2</sub> OSi <sub>2</sub>
Molecular Weight:	248.51 g/mol
CAS-No.:	2469-55-8
EC-No.:	219-588-7

Component	Classification	Concentration
1,3-Bis(3-aminopropyl)tetramethyldisiloxane		
	Skin Irrit. 2, H315 Eye Dam. 1, H318	97-100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

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

Remove contaminated clothing and shoes. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). If possible show this sheet; if not available show packaging or label.

**If inhaled**

Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.

**In case of skin contact**

Wash with plenty of soap and water. Get medical advice/attention.

**In case of eye contact**

Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

**If swallowed**

Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

**Most important symptoms and effects, both acute and delayed****Symptoms/injuries after inhalation**

May cause irritation to the respiratory tract. Overexposure may cause: Cough. Headache. Nausea.

**Symptoms/injuries after skin contact**

Version 6.1S	Page 3 / 9	Revision Date 25.12.2020
--------------	------------	--------------------------

May cause skin irritation.

**Symptoms/injuries after eye contact**

May cause eye irritation.

**Symptoms/injuries after ingestion**

May be harmful if swallowed.

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

No data available.

## SECTION 5: Firefighting measures

**Extinguishing media**

**Suitable extinguishing media**

Water spray.Foam. Carbon dioxide. Dry chemical.

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

**Fire hazard**

Combustible liquid. Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

**Explosion hazard**

May form flammable/explosive vapour-air mixture.

**Advice for firefighters**

**Firefighting instructions**

Exercise caution when fighting any chemical fire. Use water spray to cool exposed surfaces.

**Protection during firefighting**

Do not enter fire area without proper protective equipment, including respiratory protection. Avoid all eye and skin contact and do not breathe vapor and mist.

## SECTION 6: Accidental release measures

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

General measures: Remove ignition sources. Use special care to avoid static electric charges.

**For non-emergency personnel**

Protective equipment: Wear protective equipment as described in Section 8.

Emergency procedures: Evacuate unnecessary personnel.

**For emergency responders**

Protective equipment: Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

**Environmental precautions**

Version 6.1S

Page 4 / 9

Revision Date 25.12.2020

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

For containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up: Clean up any spills as soon as possible, using an absorbent material to collect it. Sweep or shovel spills into appropriate container for disposal. Use only non-sparking tools.

**Reference to other sections**

See section 8. Exposure controls and personal protection.

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

Additional hazards when processed: Keep away from heat, open flames, sparks. No smoking.

Precautions for safe handling: Avoid all eye and skin contact and do not breathe vapour and mist. Containers must be properly grounded before beginning transfer. Provide good ventilation in process area to prevent formation of vapour. Use only non-sparking tools.

Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Technical measures: Proper grounding procedures to avoid static electricity should be followed.

Storage conditions: Keep container tightly closed. Store in a dark area. Keep in a cool place.

Incompatible materials: Acids. alcohols. Oxidizing agent. Peroxides.

Storage area: Store in a well-ventilated place. Store away from heat.

**Specific end use(s)**

No data available.

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

No data available.

**Exposure controls****Appropriate engineering controls**

Provide local exhaust or general room ventilation.

**Personal protective equipment**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any

Version 6.1S	Page 5 / 9	Revision Date 25.12.2020
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potential exposure.

**Hand protection**

Neoprene or nitrile rubber gloves

**Eye protection**

Chemical goggles. Contact lenses should not be worn.

**Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified combination organic vapor - amine gas (brown cartridge) respirator.

## SECTION 9: Physical and Chemical Properties

**Information on basic physical and chemical properties**

Appearance	Clear liquid
Molecular mass	248.52 g/mol
Color	Straw.
Odor	Mild. Amine-like.
Odor Threshold	no data available
Refractive index	1.448 @ 25°C
pH	no data available
Relative evaporation rate (butyl acetate=1)	< 1
Melting point	no data available
Freezing point	< 0 °C
Boiling point	132 - 139 °C @ 11 mm Hg
Flash point:	91 °C
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Flammability (solid, gas)	Combustible liquid
Vapor pressure:	no data available
Relative vapor density at 20 °C	> 1
Relative density	0.897 @ 25°C
Solubility	Slightly. Soluble in water
Log Pow	no data available
Log Kow	no data available
Viscosity, kinematic	no data available
Viscosity, dynamic	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Explosive limits	no data available

Version 6.1S

Page 6 / 9

Revision Date 25.12.2020

**Other information**

no data available

**SECTION 10: Stability And Reactivity****Reactivity**

No data available

**Chemical stability**

Stable when stored in sealed containers.

**Possibility of hazardous reactions**

No data available

**Conditions to avoid**

Heat. Sparks. Open flame.

**Incompatible materials**

Acids. alcohols. Oxidizing agent. Peroxides.

**Hazardous decomposition products**

Organic amine vapors.

**SECTION 11: Toxicological Information****Information on toxicological effects****Acute toxicity**

No data available

LD50 oral rat &gt; 2000 mg/kg

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/eye irritation**

Causes serious eye damage.

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

None of the components in this product at concentrations >0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

Version 6.1S

Page 7 / 9

Revision Date 25.12.2020

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Symptoms/effects after inhalation**

May cause irritation to the respiratory tract. Overexposure may cause: Cough. Headache. Nausea.

**Symptoms/effects after skin contact**

May cause skin irritation.

**Symptoms/effects after eye contact**

Causes serious eye irritation.

**Symptoms/effects after ingestion**

May be harmful if swallowed.

**SECTION 12: Ecological Effects****Toxicity****Acute aquatic toxicity**

Not classified

**Chronic aquatic toxicity**

Not classified

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

No data available

**Other adverse effects**

This substance may be hazardous to the environment

**SECTION 13: Disposal considerations****Waste treatment methods****Sewage disposal recommendations**

Do not dispose of waste into sewer.

**Product/Packaging disposal recommendations**

May be incinerated. Dispose in a safe manner in accordance with local/national regulations. Dispose of

Version 6.1S

Page 8 / 9

Revision Date 25.12.2020

contents/container to licensed waste disposal facility.

**Ecology - waste materials**

Avoid release to the environment.

**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.(1,3-BIS(3-AMINOPROPYL)TETRAMETHYLDISILOXANE)

IMDG: Amines, liquid, corrosive, n.o.s.(1,3-BIS(3-AMINOPROPYL)TETRAMETHYLDISILOXANE)

IATA: Amines, liquid, corrosive, n.o.s.(1,3-BIS(3-AMINOPROPYL)TETRAMETHYLDISILOXANE)

**Transport hazard class(es)**

ADR/RID: 8

IMDG: 8

IATA: 8

**Packaging group**

ADR/RID: III

IMDG: III

IATA: III

**Environmental hazards**

ADR/RID: No

IMDG Marine pollutant: No

IATA: No

**Special precautions for user**

No data available

**SECTION 15: Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture****EU-Regulations**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

**SECTION 16: Other Information****Full text of H-Statements referred to under sections 2 and 3.**

Eye Dam. 1	Serious eye damage/eye irritation	Category 1
Skin Irrit. 2	Skin corrosion/irritation	Category 2
H315	Causes skin irritation.	
H318	Causes serious eye damage.	

**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



Version 6.1S	Page 9 / 9	Revision Date 25.12.2020
--------------	------------	--------------------------

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.