

Version 5.1R

Page 1 / 7

Revision Date 29.09.2020

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

Product Name: SiSiB® PC9751
 Chemical Name: Trimethoxy(1H,1H,2H,2H-heptadecafluorodecyl)silane
 CAS-No.: 83048-65-1

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**

Skin Corrosion/Irritation Category 2
 Serious eye damage/eye irritation Category 2

Label elements

Pictogram

Signal word Warning

Hazard statement(s)

H315 Causes skin irritation
 H319 Causes serious eye irritation.

Precautionary statement(s)

P264 Wash thoroughly after handling.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352+P332+P313+P362+P364 IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice or attention. Take off contaminated clothing and wash it before reuse.
 P305+P351+P338+P337+P313 IF IN EYES: Rinse cautiously with water for several minutes.

Version 5.1R

Page 2 / 7

Revision Date 29.09.2020

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice or attention.

Other hazards**Results of PBT and vPvB assessment**

PBT Not applicable

vPvB Not applicable

SECTION 3: Composition/information on ingredients

Components: Trimethoxy(1H,1H,2H,2H-heptadecafluorodecyl)silane

Percent: >98.0%(GC)

CAS RN: 83048-65-1

Synonyms: 1H,1H,2H,2H-Heptadecafluorodecyltrimethoxysilane ,

Trimethoxy(1H,1H,2H,2H-perfluorodecyl)silane

Chemical Formula: $C_{13}H_{13}F_{17}O_3Si$

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

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin contact:

Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion:

Get medical advice/attention if you feel unwell. Rinse mouth.

Protection of first-aiders:

A rescuer should wear personal protective equipment, such as rubber gloves and air-tight goggles.

Most important symptoms and effects, both acute and delayed

No data available

Indication of any immediate medical attention:

Not available.

SECTION 5: Firefighting measures

Version 5.1R

Page 3 / 7

Revision Date 29.09.2020

Extinguishing media**Suitable extinguishing media:**

Dry chemical, foam, water spray, carbon dioxide.

Unsuitable extinguishing media:

Solid streams of water

Special hazards arising from the substance or mixture

Take care as it may decompose upon combustion or in high temperatures to generate poisonous fume.

Carbon dioxide, Carbon monoxide, Hydrogen fluoride, Silicon oxides

Advice for firefighters:

Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Remove movable containers if safe to do so. When extinguishing fire, be sure to wear personal protective equipment

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

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Entry to non-involved personnel should be controlled around the leakage area by roping off, etc.

Environmental precautions:

Prevent product from entering drains

Methods and materials for containment and cleaning up:

Absorb spilled material in a suitable absorbent (e.g. rag, dry sand, earth, saw-dust). In case of large amount of spillage, contain a spill by bunding. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Prevention of secondary hazards:

For disposal see section 13.

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

Handling is performed in a well ventilated place. Wear suitable protective equipment. Prevent generation of vapor or mist. Keep away from flames and hot surfaces. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Wash hands and face thoroughly after handling. Use a closed system if possible. Use a ventilation, local exhaust if vapor or aerosol will be generated. Avoid contact with skin, eyes and clothing.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Store in a cool, dark and well-ventilated place.

Version 5.1R

Page 4 / 7

Revision Date 29.09.2020

Store under inert gas. Protect from moisture.

Store away from incompatible materials such as oxidizing agents.

Moisture-sensitive

Specific end use(s)

No further relevant information available.

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

No data available

Exposure controls

Install a closed system or local exhaust as possible so that workers should not be exposed directly.

Also install safety shower and eye bath.

Respiratory protection:

Vapor respirator.

Follow local and national regulations.

Hand protection:

Protective gloves.

Eye protection:

Safety glasses. A face-shield, if the situation requires.

Skin and body protection:

Protective clothing. Protective boots, if the situation requires.

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

Physical state (20°C):	Liquid
Form:	Clear
Color:	Colorless - Almost colorless
Odor:	No data available
Odor threshold:	No data available
Melting point/freezing point:	No data available
pH:	No data available
Boiling point/range:	80°C /0.07kPa
Flash point	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	1.53
Log Pow:	No data available

Version 5.1R	Page 5 / 7	Revision Date 29.09.2020
--------------	------------	--------------------------

Evaporation rate (Butyl Acetate=1):	No data available
Flammability (solid, gas):	No data available
Flammability or explosive limits:	
Lower:	No data available
Upper:	No data available
Solubility(ies):	
[Water]	No data available
[Other solvents]	No data available
Partition coefficient:	No data available
n-octanol/water:	
Autoignition temperature:	No data available
Decomposition temperature:	No data available
Dynamic Viscosity:	No data available
Kinematic viscosity:	No data available
Other safety information	No data available

SECTION 10: Stability And Reactivity

Reactivity

no data available

Chemical stability

Stable under proper conditions.

Possibility of hazardous reactions

No special reactivity has been reported.

Conditions to avoid

Open flame

Incompatible materials

Oxidizing agents

Hazardous decomposition products

Carbon dioxide, Carbon monoxide, Hydrogen fluoride, Silicon oxides

SECTION 11: Toxicological Information

Acute toxicity

No data available

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Version 5.1R

Page 6 / 7

Revision Date 29.09.2020

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration hazard

No data available

SECTION 12: Ecological Effects**Ecotoxicity:**

Fish: No data available

Crustacea: No data available

Algae: No data available

Persistence / degradability: No data available**Bioaccumulative potential (BCF):** No data available**Mobility in soil**

Log Pow: No data available

Soil adsorption (Koc): No data available

Henry's Law (PaM³/mol): No data available**Results of PBT and vPvB assessment**

PBT: Not applicable

vPvB: Not applicable

Other adverse effects: No data available**SECTION 13: Disposal considerations****Waste treatment methods**

Recycle to process, if possible. Consult your local regional authorities. You may be able to burn in a chemical incinerator equipped with an afterburner and scrubber system. Observe all federal, state and local regulations when disposing of the substance.

Version 5.1R

Page 7 / 7

Revision Date 29.09.2020

SECTION 14:Transport Information**UN number** Not listed**UN proper shipping name**

ADR/RID Not listed

IMDG/IMO Not listed

ICAO/IATA Not listed

Transport hazard class(es)

ADR/RID

Does not correspond to the classification standard of the United Nations

IMDG/IMO

Does not correspond to the classification standard of the United Nations

ICAO/IATA

Does not correspond to the classification standard of the United Nations

Packaging group

ADR/RID -

IMDG/IMO -

ICAO/IATA -

Environmental hazards

Marine pollutant -

Special precautions for user No data available**SECTION 15:Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture****Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No.1907/2006**

Not listed

Chemical safety assessment

A chemical safety assessment has not been 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.