

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

Product Identifier

Product Name: SiSiB® PC19686

Chemical Name: METHYLTRIS(TRIMETHYLSILOXY)SILANE

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

GHS-US classification

Flammable liquids Category 4 H227 Combustible liquid

Full text of H statements: see section 16

GHS Label elements, including precautionary statements

GHS US labeling

Signal word (GHS US): Warning

Hazard statements (GHS US):

H227 - Combustible liquid

Precautionary statements (GHS US):

P210 - Keep away from heat, open flames, sparks. - No smoking.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P370+P378 - In case of fire: Use water spray or fog, foam, carbon dioxide, dry chemical to extinguish.

P403+P235 - Keep in a cool place

P501 - Dispose of contents/container to licensed waste disposal facility.

Hazards not otherwise classified (HNOC)

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

Version 7.1E	Page 2 / 8	Revision Date 19.04.2024
--------------	------------	--------------------------

Substances

Substance type Mono-constituent
Name METHYLTRIS(TRIMETHYLSILOXY)SILANE
CAS-No. 17928-28-8

Name	Product identifier	%	GHS-US classification
Methyltris(trimethylsiloxy)silane	(CAS-No.) 17928-28-8	> 95	Flam. Liq. 4, H227

Full text of H-statements: see section 16

Mixtures

Not applicable

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 exposed or concerned: Get medical advice/attention.

If inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

In case of skin contact

Wash with plenty of soap and water.

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.

Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation

May cause irritation to the respiratory tract.

Symptoms/injuries after skin contact

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 additional information available

Version 7.1E	Page 3 / 8	Revision Date 19.04.2024
--------------	------------	--------------------------

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

Water spray. Water fog. Foam. Carbon dioxide. Dry chemical.

Unsuitable extinguishing media

Do not use straight streams.

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.

Special protective equipment and precautions for fire-fighters

Firefighting instructions

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.

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:

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

Precautions for safe handling

Avoid all eye and skin contact and do not breathe vapor and mist. Take precautionary measures against static discharge. 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. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Technical measures

Ground/bond container and receiving equipment.

Storage conditions

Keep container tightly closed.

Incompatible materials

Oxidizing agent.

Storage area

Store in a well-ventilated place. Store away from heat.

SECTION 8: Exposure Controls/Personal Protection

Control parameters

No additional information available

Appropriate engineering controls

Provide local exhaust or general room ventilation.

Personal protective equipment

Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any 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 organic vapor (black cartridge) respirator.

SECTION 9: Physical and Chemical Properties

Version 7.1E	Page 5 / 8	Revision Date 19.04.2024
--------------	------------	--------------------------

Information on basic physical and chemical properties

Appearance	Clear liquid
Molecular mass	310.69 g/mol
Color	no data available
Odor	no data available
Odor Threshold	no data available
Refractive index	1.388
pH	no data available
Relative evaporation rate (butyl acetate=1)	< 1
Melting point	no data available
Freezing point	-74 °C
Boiling point	60 °C @ 6 mm Hg
Flash point:	64 °C
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Flammability (solid, gas)	Combustible liquid
Vapor pressure:	40 mm Hg @ 100°C
Relative vapor density at 20 °C	10.9
Relative density	0.8497
% Volatiles	100 %
Solubility	Insoluble in water (Water: < 50 ppb)
Log Pow	no data available
Log Kow	no data available
Viscosity, kinematic	1.57 cSt
Viscosity, dynamic	no data available
Explosive properties	no data available
Oxidizing properties	no data available
Explosive limits	no data available

Other information

no data available

SECTION 10: Stability And Reactivity

Reactivity

No additional information available

Chemical stability

Stable

Possibility of hazardous reactions

No additional information available

Version 7.1E	Page 6 / 8	Revision Date 19.04.2024
--------------	------------	--------------------------

Conditions to avoid

Heat. Open flame. Sparks

Incompatible materials

Oxidizing agent.

Hazardous decomposition products

Organic acid vapors. Formaldehyde. Silicon dioxide.

SECTION 11: Toxicological Information

Information on toxicological effects

Acute toxicity Not classified

Methyltris(trimethylsiloxy)silane (17928-28-8)

LD50 oral rat > 2000 mg/kg

Skin corrosion/irritation Not classified

Serious eye damage/irritation Not classified

Respiratory or skin sensitization Not classified

Germ cell mutagenicity Not classified

Carcinogenicity Not classified

Reproductive toxicity Not classified

STOT-single exposure Not classified

STOT-repeated exposure Not classified

Aspiration hazard Not classified

Symptoms/effects after inhalation May cause irritation to the respiratory tract.

Symptoms/effects after skin contact May cause skin irritation.

Symptoms/effects after eye contact May cause eye irritation.

Symptoms/effects after ingestion May be harmful if swallowed.

SECTION 12: Ecological Effects

Toxicity

No additional information available

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Other adverse effects

Effect on the ozone layer:

Version 7.1E	Page 7 / 8	Revision Date 19.04.2024
--------------	------------	--------------------------

No additional information available

SECTION 13: Disposal considerations

Disposal methods

Sewage disposal recommendations	Do not dispose of waste into sewer.
Product/Packaging disposal recommendations	Incinerate. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to licensed waste disposal facility.
Ecology - waste materials	Avoid release to the environment.

SECTION 14: Transport Information

UN number

DOT NA no. NA1993

UN proper shipping name

Transport document description:

NA1993 Combustible liquid, n.o.s. (METHYLTRIS(TRIMETHYLSILOXY)SILANE), 3, III

Proper Shipping Name (DOT):

Combustible liquid, n.o.s. (METHYLTRIS(TRIMETHYLSILOXY)SILANE)

Class (DOT):

3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Packing group (DOT):

III - Minor Danger

DOT Packaging Non Bulk (49 CFR 173.xxx):

203

DOT Packaging Bulk (49 CFR 173.xxx):

241

DOT Packaging Exceptions (49 CFR 173.xxx):

150

DOT Symbols:

D - Proper shipping name for domestic use only, or to and from Canada, G - Identifies PSN requiring a technical name

Additional information

Other information

This product is Combustible as defined by the US Department of Transportation (DOT). It is regulated for transport in the US in container > 119 gallons (450 liters). The product is not regulated for transport by the IATA, ADR/RID, ADNOR or the IMDG regulations.

Transport by sea

Version 7.1E	Page 8 / 8	Revision Date 19.04.2024
--------------	------------	--------------------------

DOT Vessel Stowage Location:

A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.

Air transport

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 60L

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): 220L

SECTION 15:Regulatory Information

US Federal regulations

Methyltris(trimethylsiloxy)silane (17928-28-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

International regulations

CANADA

Methyltris(trimethylsiloxy)silane (17928-28-8)

Listed on the Canadian NDSL (Non-Domestic Substances List)

EU-Regulations

Methyltris(trimethylsiloxy)silane (17928-28-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Methyltris(trimethylsiloxy)silane (17928-28-8)

Listed on the AICS (Australian Inventory of Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16:Other Information

Full text of H-phrases:

H227 Combustible liquid.

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.