

Version 5.1R	Page 1 / 8	Revision Date 31.05.2018
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SECTION 1: Identification of the substance/mixture and of the company

Product Identifier

Product Name: SiSiB® PC7410
 Chemical Name: Tetra(Methylisobutylketoxime)silane
 CAS-No. : 156145-62-9
 EINECS-No. 423-580-0

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 classification Flammable liquids 4
 Serious eye damage/eye irritation 2A
 Specific target organ toxicity, repeated exposure 2

GHS Pictograms



Signal words Warning

Hazard statements H227 Combustible liquid
 H319 Causes serious eye irritation
 H373: May cause damage to organs through prolonged or repeated exposure.

Precautionary Statement Prevention P210 Keep away from heat/sparks/open surfaces.—No smoking.
 P260 Do not breathe dust/fume/gas/mist/vapors/spray.
 P264 Wash hands thoroughly after handling.
 P305 + P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313: If eye irritation persists: Get medical advice/attention.

Version 5.1R	Page 2 / 8	Revision Date 31.05.2018
--------------	------------	--------------------------

Precautionary Statement Response	P280: Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement Storage	P314: Get medical advice/attention if you feel unwell. P370+P378: In case of fire: Use extinguisher to extinguish.
Precautionary Statement Disposal	P403 Store in a well-ventilated place.
Other hazards which do not result in classification	P501 Dispose of contents/container in according with local regulation. Not applicable

SECTION 3: Composition/information on ingredients

Substances

Mixtures

Component Information

Component	CAS number	EINECS number	Mass(%)
Tetra(Methylisobutylketoxime) silane	156145-62-9	423-580-0	90.0% min.

SECTION 4: First aid measures

NOTE TO PHYSICIAN	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation.
After inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Get immediate medical attention.
After skin contact	Immediately flush skin with plenty of water. Remove and isolate contaminated clothing and shoes. If irritation persists, get medical attention immediately. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
After eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention immediately.
After ingestion	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
Most important symptoms/effects, acute and delayed	May cause damage to organs through prolonged or repeated exposure

SECTION 5: Firefighting measures

Suitable extinguishing agents	Water spray, foam, dry chemical, carbon dioxide, sand.
Special hazards caused by the material, its products of combustion or flue gases	Can be released in case of fire: Carbon oxides, nitrogen oxides, irritating and toxic fumes and gases.
Protective equipment for fire-fighters	Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

SECTION 6: Accidental release measures

Person-related safety precautions	Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering. Keep unnecessary personnel away
Measures for environmental protection	Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.
Measures for cleaning/collecting	Contain spillage, and then collect with non-combustible absorbent material(e.g. sand, earth, diatomaceous earth, vermiculite) and place in suitable container.
Additional information	Do not get water inside containers. Clean contaminated surface thoroughly. See Section 7 for information on safe handling. See section 8 for information on personal protection equipment. See Section 13 for information on disposal.

SECTION 7: Handling and storage

Handling	
Information for safe Handling	Avoid inhalation of vapor or mist. Avoid prolonged or repeated exposure. Avoid contact with skin, eyes, mucous membranes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment If ingested.
Information about	Keep away from heat, sources of ignition, sparks or open flame. No smoking.

Version 5.1R	Page 4 / 8	Revision Date 31.05.2018
--------------	------------	--------------------------

protection against explosions and fires	Take measures to prevent the build-up of electrostatic charge.
STORAGE	
Requirements to be met by storerooms and containers	Keep in a cool, dry, well-ventilated place. Keep tightly closed until used.
Information about storage in one common storage facility	Water and moisture sensitive. Store away from incompatible substances such as strong oxidizing agents, strong acids, strong bases.
Further information about storage conditions	No data

SECTION 8: Exposure Controls/Personal Protection

Limit Values for Exposure

Component	CAS number	ACGIH TLV-TWA	ACGIH TLV-STEL	NIOSH REL-TWA	NIOSH REL-STEL
Tetra(Methylsiloxy)silane	156145-62-9	N.E.	N.E.	N.E.	N.E.

Appropriate engineering controls

Use adequate ventilation to keep airborne concentrations low.
Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.

General protective and hygienic measures

Do not get this material in contact with skin. Do not get this material on clothing.
Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.

Personal protective equipment

Splash goggles, gloves, apron and a respirator.

Breathing equipment

When workers are facing high concentrations they must use appropriate certified respirators.

Protection of hands

Wear appropriate chemical resistant gloves.

Eye/Face protection

Use safety glasses with side shields or safety goggles as mechanical barrier for prolonged exposure.

Body protection

Full set of anti-chemical reagent overalls, flame retardant anti-static protective clothing, choose body protection according to the amount and concentration of the dangerous substance at the work place.

Note: 1. N.E. means not established

Version 5.1R

Page 5 / 8

Revision Date 31.05.2018

SECTION 9: Physical and Chemical Properties

Physical state	Transparent liquid
Color	Colorless
Odor	No data available
Melting point/freezing point	16-22°C
Boiling point or initial boiling point and boiling range	No data available
Flammability	Combustible
Lower and upper explosion limit/ flammability limit	No data available
Flash point	>65°C
Auto-ignition temperature	304°C
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	No data available
Partition coefficient: n-octanol/water(log value)	No data available
Vapor pressure	
Density and/or relative density	0.95g/cm ³
Relative vapor density(air=1)	>1
Particle characteristics	No data available

SECTION 10: Stability And Reactivity

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid (e.g. and static discharge, shock or vibration)	Heat and flame and spark. The extreme temperatures direct sunlight. Exposure to moisture and water.
Incompatible materials	Avoid contact with water, strong oxidants, strong acids, strong gases, etc.
Hazardous decomposition products	Carbon oxides, nitrogen oxides, irritating and toxic fumes and gases.

SECTION 11: Toxicological Information

Version 5.1R	Page 6 / 8	Revision Date 31.05.2018
--------------	------------	--------------------------

Routes of Entry:	Dermal contact, eye contact, inhalation, ingestion.
Acute Toxicity	
Tetra(Methylisobutylketoxime)silane (CAS 156145-62-9)	LD50 (Oral, rat) :>2000mg/kg LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): N/A
Skin corrosion/irritation	No data available for this chemical.
Serious eye damage/irritation	No data available for this chemical.
Respiratory or skin sensitization	No data available for this chemical.
Germ cell mutagenicity	No data available for this chemical.
Carcinogenicity	No data available for this chemical.
Reproductive toxicity	No data available for this chemical.
STOT-single exposure	No data available for this chemical.
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure
Aspiration hazard	No data available for this chemical.
Chronic Effects	No data available for this chemical.
Further Information	No data

SECTION 12: Ecological Effects

Ecotoxicity	
Aquatic Toxicity	Tetra(Methylisobutylketoxime)silane (CAS 156145-62-9) Test & Species 96 Hr LC50 fish: N/A 48 Hr EC50 Daphnia: N/A 72 Hr EC50 Algae: N/A
Persistence and degradability	Not available
Bioaccumulative potential	Not available

SECTION 13: Disposal considerations

Mobility in soil	Not available
Additional Information	Not available

WASTE DISPOSAL INSTRUCTIONS

Contact a licensed professional waste disposal service to dispose of this material.

Dispose of in accordance with local environmental regulations or local authority requirements.

Version 5.1R	Page 7 / 8	Revision Date 31.05.2018
--------------	------------	--------------------------

SECTION 14:Transport Information

The Recommendation of Transport of Dangerous Goods(TDG)

UN Number

Proper Shipping Name

Class/Division

The product is not regulated by TDG.

Package Group

The product is non-dangerous goods.

Subsidiary risk

labelling pictogram

Maritime transport IMDG

Being same with TDG/No

Marine pollutant (Yes/No)

Air transport ICAO-TI and

Being same with TDG

IATA-DGR

SECTION 15:Regulatory Information

European/International Regulation

OSHA:

Hazardous by definition of Hazard Communication Standard(29CFR 1910.1200).

EINECS Status:

Tetra(Methylisobutylketoxime)silane (CAS 156145-62-9) is included in EINECS inventory.

EPA TSCA Status:

Tetra(Methylisobutylketoxime)silane (CAS 156145-62-9) is included in TSCA inventory.

Canadian DSL

Tetra(Methylisobutylketoxime)silane (CAS 156145-62-9) is included in DSL

(Domestic Substances List):

HMIS(Hazardous

Health:2

Material Identification

Flammability:2

System Ratings):

Physical hazard:1

Personal protection:J

(4.Severe Hazard;3.Serious Hazard;2.Moderate Hazard;1 Slight Hazard;0.Minimal Hazard)

WHMIS(Canadian

Not listed.

Workplace Hazardous

Material Identification

System Ratings):

GB 12268-2012 List of

This products is not a dangerous goods on the

dangerous goods

GB12268-2012 list of dangerous goods.

Version 5.1R	Page 8 / 8	Revision Date 31.05.2018
--------------	------------	--------------------------

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.