

Version 5.1R

Page 1 / 8

Revision Date 31.05.2018

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

Product Name: SiSiB® PC7530  
Chemical Name: Vinyl tris(Methylisobutylketoxime)silane  
CAS-No. : 156145-64-1  
EINECS No.: 421-860-7

**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**

**GHS classification** Flammable liquids 4  
Specific target organ toxicity, repeated exposure 2  
Hazardous to the aquatic environment, long-term hazard 4

**GHS Pictograms**

**Signal words** Warning

**Hazard statements** H227 Combustible liquid  
H373: May cause damage to organs through prolonged or repeated exposure  
H413: May cause long lasting harmful effects to aquatic life

**Precautionary Statement** P210 Keep away from heat/sparks/open flames/hot surfaces.—No smoking.

**Prevention** P260: Do not breathe dust/fume/gas/mist/vapors/spray.  
P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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

<b>Precautionary Statement Response</b>	P314: Get medical advice/attention if you feel unwell.
<b>Precautionary Statement Storage</b>	P370+P378: In case of fire: Use extinguisher to extinguish.
<b>Precautionary Statement Disposal</b>	P403 Store in a well-ventilated place.
<b>Other hazards which do not result in classification</b>	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(%)
Vinyltris(Methylisobutylketoxime)silane	156145-64-1	421-860-7	90.0% min.

## SECTION 4: First aid measures

<b>NOTE TO PHYSICIAN</b>	In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation.
<b>After inhalation</b>	Move to fresh air. Oxygen or artificial respiration if needed. Get immediate medical attention.
<b>After skin contact</b>	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.
<b>After eye contact</b>	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.
<b>After ingestion</b>	If swallowed, wash out mouth with water provided person is conscious. Call a physician.
<b>Most important symptoms/effects, acute and delayed</b>	May cause damage to organs through prolonged or repeated exposure.

## SECTION 5: Firefighting measures

Version 5.1R	Page 3 / 8	Revision Date 31.05.2018
--------------	------------	--------------------------

<b>Suitable extinguishing agents</b>	Water spray, foam, dry chemical, carbon dioxide, sand.
<b>Special hazards caused by the material, its products of combustion or flue gases</b>	Can be released in case of fire: Carbon oxides, nitrogen oxides, irritating and toxic fumes and gases.
<b>Protective equipment for fire-fighters</b>	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

<b>Person-related safety precautions</b>	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
<b>Measures for environmental protection</b>	Prevent further leakage or spillage if safe to do so. Do not allow material to be released to the environment without proper governmental permits.
<b>Measures for cleaning/collecting</b>	Contain spillage, and then collect with non-combustible absorbent material(e.g. sand, earth, diatomaceous earth, vermiculite) and place in suitable container.
<b>Additional information</b>	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

<b>Handling Information for safe Handling</b>	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.
<b>Information about protection against explosions and fires</b>	Keep away from heat, sources of ignition, sparks or open flame. No smoking. Keep away from heat, sources of ignition, sparks or open flame. No smoking. Take measures to prevent the build-up of electrostatic charge.

Version 5.1R

Page 4 / 8

Revision Date 31.05.2018

**STORAGE**

<b>Requirements to be met by storerooms and containers</b>	Keep in a cool, dry, well-ventilated place. Keep tightly closed until used.
<b>Information about storage in one common storage facility</b>	Water and moisture sensitive. Store away from incompatible substances such as strong oxidizing agents, strong acids, strong bases.
<b>Further information about storage conditions</b>	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
Vinyltris(Meth ylisobuty lketoxime)silane	156145-64-1	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

**SECTION 9: Physical and Chemical Properties**

Version 5.1R	Page 5 / 8	Revision Date 31.05.2018
--------------	------------	--------------------------

<b>Physical state</b>	Transparent liquid
<b>Color</b>	Colorless
<b>Odor</b>	No data available
<b>Melting point/freezing point</b>	No data available
<b>Boiling point or initial boiling point and boiling range</b>	290 °C
<b>Flammability</b>	Combustible
<b>Lower and upper explosion limit/ flammability limit</b>	No data available
<b>Flash point</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>pH</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Solubility</b>	No data available
<b>Partition coefficient: n-octanol/water(log value)</b>	No data available
<b>Vapor pressure</b>	
<b>Density and/or relative density</b>	0.94g/cm <sup>3</sup>
<b>Relative vapor density(air=1)</b>	No data available
<b>Particle characteristics</b>	No data available

## SECTION 10: Stability And Reactivity

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

## SECTION 11: Toxicological Information

<b>Routes of Entry:</b>	<b>Dermal contact, eye contact, inhalation, ingestion.</b>
<b>Acute Toxicity</b>	
<b>Vinyltris(Methylisobutylketox</b>	LD50 (Oral, rat) :N/A

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

<b>ime)silane (CAS 156145-64-1)</b>	LC50 (Inhalation, rat): N/A LD50 (Dermal, rabbit): N/A
<b>Skin corrosion/irritation</b>	No data available for this chemical.
<b>Serious eye damage/irritation</b>	No data available for this chemical.
<b>Respiratory or skin sensitization</b>	No data available for this chemical.
<b>Germ cell mutagenicity</b>	No data available for this chemical.
<b>Carcinogenicity</b>	No data available for this chemical.
<b>Reproductive toxicity</b>	No data available for this chemical.
<b>STOT-single exposure</b>	No data available for this chemical.
<b>STOT-repeated exposure</b>	May cause damage to organs through prolonged or repeated exposure.
<b>Aspiration hazard</b>	No data available for this chemical.
<b>Chronic Effects</b>	No data available for this chemical.
<b>Further Information</b>	No data

## SECTION 12: Ecological Effects

<b>Ecotoxicity</b>	
<b>Aquatic Toxicity</b>	Vinyltris(Methylisobutylketoxime)silane (CAS 156145-64-1) Test & Species 96 Hr LC50 fish: N/A 48 Hr EC50 Daphnia: N/A 72 Hr EC50 Algae: N/A
<b>Persistence and degradability</b>	Not available
<b>Bioaccumulative potential</b>	Not available
<b>Mobility in soil</b>	Not available
<b>Additional Information</b>	Not available

## SECTION 13: Disposal considerations

### 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.

## SECTION 14: Transport Information

### The Recommendation of Transport of Dangerous Goods(TDG)

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

<b>UN Number</b>	
<b>Proper Shipping Name</b>	
<b>Class/Division</b>	The chemical is not regulated by TDG.
<b>Package Group</b>	The chemical is non-dangerous goods.
<b>Subsidiary risk labelling pictogram</b>	
<b>Maritime transport IMDG</b>	Being same with TDG/No
<b>Marine pollutant (Yes/No)</b>	
<b>Air transport ICAO-TI and IATA-DGR</b>	Being same with TDG

## SECTION 15:Regulatory Information

### European/International Regulation

<b>OSHA:</b>	Hazardous by definition of Hazard Communication Standard(29CFR 1910.1200).
<b>EINECS Status:</b>	Vinyltris(Methylisobutylketoxime)silane (CAS 156145-64-1) is included in EINECS inventory.
<b>EPA TSCA Status:</b>	Vinyltris(Methylisobutylketoxime)silane (CAS 156145-64-1) is included in TSCA inventory.
<b>Canadian DSL</b>	Vinyltris(Methylisobutylketoxime)silane (CAS 156145-64-1) is included in DSL
<b>( Domestic Substances List):</b>	
<b>HMIS(Hazardous Material Identification System Ratings):</b>	Health:2 Flammability:1 Physical hazard:1 Personal protection:J (4.Severe Hazard;3.Serious Hazard;2.Moderate Hazard;1 Slight Hazard;0.Minimal Hazard)
<b>WHMIS(Canadian Not listed. Workplace Hazardous Material Identification System Ratings):</b>	
<b>GB 12268-2012 List of dangerous goods</b>	This products is not a dangerous goods on the GB12268-2012 list of dangerous goods.

## SECTION 16:Other Information

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

### 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.