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

Product Name: SiSiB® PC7131  
 Chemical Name: Methyltris(acetoxime)silane  
 CAS-No. : 2594-75-4

**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  
 Skin corrosion/irritation 2  
 Serious eye damage/eye irritation 2A

**GHS Pictograms**

**Signal words** Warning

**Hazard statements** H227 Combustible liquid  
 H315 Causes skin irritation  
 H319 Causes serious eye irritation

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

**Prevention** P264 Wash hands thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary Statement Response** P302+P352 IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

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	rinsing.
	P321 Specific treatment (see the supplemental first aid instruction).
	P332+P313 If skin irritation occurs: Get medical advice/attention.
	P337+P313 If eye irritation persists: Get medical advice/attention.
	P362+P364 Take off immediately contaminated clothing and wash it before reuse.
	P370+P378 In case of fire: Use extinguisher to extinguish.
<b>Precautionary Statement</b>	P403 Store in a well-ventilated place.
<b>Storage</b>	
<b>Precautionary Statement</b>	P501 Dispose of contents/container in according with
<b>Disposal</b>	local regulation.
<b>Other hazards which do not result in classification</b>	Not applicable

## SECTION 3: Composition/information on ingredients

### Substances

Mixtures

Component Information

Component	CAS number	EINECS number	Mass(%)
Methyltris(acetoxino)silane	2594-75-4		>90%wt

## 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>	Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Loosen tight clothing such as a collar, tie,

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belt or waistband. Do not use mouth-to-mouth method if victim ingested the substance. Seek immediate medical attention.

**Most important symptoms/effects, acute and delayed**

Causes skin irritation.  
Causes serious eye irritation.

## SECTION 5: Firefighting measures

**Suitable extinguishing agents** Water spray, extinguishing powder, 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, silicon dioxide, 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

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<b>Information for safe Handling</b>	Handle in fume hood. Avoid contact with skin, eyes, mucous membranes and clothing. In case of insufficient ventilation, wear suitable respiratory equipment if ingested. Avoid formation of aerosols.
<b>Information about protection against explosions and fires</b>	Keep away from heat, sources of ignition, sparks or open flame. No smoking. Take measures to prevent the build up of electrostatic charge.
<b>STORAGE</b>	
<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 water, strong oxidants, acids, metals, etc..
<b>Further information about storage conditions</b>	No data

## SECTION 8: Exposure Controls/Personal Protection

### Limit Values for Exposure

Component	CAS number	ACGIH	ACGIH	NIOSH	NIOSH
Methyl tris(acetoxino)Silane		TLV-TWA	TLV-STEL	REL-TWA	REL-STEL
	2594-75-4	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.

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**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**

<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>	No data available
<b>Flammability</b>	No data available
<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>	Reacts with water
<b>Partition coefficient: n-octanol/water (log value)</b>	No data available
<b>Vapor pressure</b>	
<b>Density and/or relative density</b>	No data available
<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>	Reacts with water and moisture in air and acids liberating acetoxime.. Contact with electrophiles such as ferric chloride can lead to a violent reaction.
<b>Conditions to avoid (e.g. and static discharge,</b>	Heat and flame and spark. The extreme temperatures direct sunlight. Exposure to moisture and water.

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shock or vibration)

**Incompatible materials** Avoid contact with water, strong oxidants, acids, metals, etc.

**Hazardous decomposition products** Carbon oxides, nitrogen oxides, silicon dioxide, irritating and toxic fumes and gases.

## SECTION 11: Toxicological Information

**Routes of Entry:** Dermal contact, eye contact, inhalation, ingestion.

**Acute Toxicity**

**Methyl tris(acetoxino)Silane** LD50 (Oral, rat) :N/A  
LC50 (Inhalation, rat): N/A  
LD50 (Dermal, rabbit): N/A

**Skin corrosion/irritation** Cause skin irritation

**Serious eye damage/irritation** Causes serious eye irritation

**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** May cause respiratory irritation.

**STOT-repeated exposure** No data available for this chemical.

**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** Methyl tris(acetoxino)silane  
(CAS 2594-75-4)  
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

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**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)****UN Number****Proper Shipping Name****Class/Division**

The chemical is not regulated by TDG.

**Package Group**

The chemical 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:**

Methyl tris(acetoxino)Silane (CAS 2594-75-4) is included in EINECS inventory.

**EPA TSCA Status:**

Methyl tris(acetoxino)Silane (CAS 2594-75-4) is included in TSCA inventory.

**Canadian DSL**

Methyl tris(acetoxino)Silane (CAS 2594-75-4) is included in DSL

**( Domestic Substances List):****HMIS(Hazardous**

Health:2

**Material Identification**

Flammability:1

**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.**

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**Workplace Hazardous****Material Identification****System Ratings):****GB 12268-2012 List of**  
dangerous goodsThis products is not a dangerous goods on the  
GB12268-2012 list of dangerous goods.**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.