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

Product Name: SiSiB® PC7531
 Chemical Name: Vinyl tris(acetoxime)silane
 CAS-No. : 54948-34-4

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 P302+P352 IF ON SKIN: Wash with plenty of water.

Response P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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Precautionary Statement	P321 Specific treatment (see the supplemental first aid instruction).
Storage	P332+P313 If skin irritation occurs: Get medical advice/attention.
Precautionary Statement	P337+P313 If eye irritation persists: Get medical advice/attention.
Disposal	P362+P364 Take off immediately contaminated clothing and wash it before reuse.
Other hazards which do not result in classification	P370+P378 In case of fire: Use extinguisher to extinguish.
	P403 Store in a well-ventilated place.
	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(%)
Vinyl tris(acetoxime)silane	54948-34-4		>90%wt

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	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, belt or waistband. Do not use mouth-to-mouth method if victim ingested

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Most important symptoms/effects, acute and delayed

the substance. Seek immediate medical attention.
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

Information for safe Handling Handle in fume hood.
Avoid contact with skin, eyes, mucous membranes and clothing.
In case of insufficient ventilation, wear suitable respiratory equipment if

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Information about protection against explosions and fires	<p>ingested.</p> <p>Avoid formation of aerosols.</p> <p>Keep away from heat, sources of ignition, sparks or open flame. No smoking.</p> <p>Take measures to prevent the build-up of electrostatic charge.</p>
STORAGE	
Requirements to be met by storerooms and containers	<p>Keep in a cool, dry, well-ventilated place.</p> <p>Keep tightly closed until used.</p>
Information about storage in one common storage facility	<p>Water and moisture sensitive.</p> <p>Store away from incompatible substances such as water, strong oxidants, acids, metals, etc..</p>
Further information about storage conditions	No data

SECTION 8: Exposure Controls/Personal Protection

Limit Values for Exposure

Component	CAS number	ACGIH	ACGIH	NIOSH	NIOSH
		TLV-TWA	TLV-STEL	REL-TWA	REL-STEL
Vinyltris(aceto xime)silane	54948-34-4	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.

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

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substance at the work place.

Note: 1. N.E. means not established

SECTION 9: Physical and Chemical Properties

Physical state	Transparent liquid
Color	Colorless
Odor	No data available
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	94-96°C(0.5mmHg)
Flammability	No data available
Lower and upper explosion limit/ flammability limit	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	No data available
Solubility	Reacts with water
Partition coefficient: n-octanol/water(log value)	No data available
Vapor pressure	No data available
Density and/or relative density	No data available
Relative vapor density(air=1)	No data available
Particle characteristics	No data available

SECTION 10: Stability And Reactivity

Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions	Reacts with water and moisture in air and acids liberating acetoxime. Contact with electrophiles such as ferric chloride can lead to a violent reaction.
Conditions to avoid (e.g. static discharge, shock or vibration)	Heat and flame and spark. The extreme temperatures and direct sunlight. Exposure to moisture and water.
Incompatible materials	Avoid contact with water, strong oxidants, acids, metals, etc..
Hazardous decomposition	Carbon oxides, nitrogen oxides, silicon dioxide,

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products

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	No data available for this chemical.
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	Vinyl tris(acetoxime)silane (CAS 54948-34-4) 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
Mobility in soil	Not available
Additional Information	Not available

SECTION 13: Disposal considerations

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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:

Vinyl tris(acetoxime)silane (CAS 54948-34-4) is included in EINECS inventory.

EPA TSCA Status:

Vinyl tris(acetoxime)silane (CAS 54948-34-4) is included in TSCA inventory.

Canadian DSL

Vinyl tris(acetoxime)silane (CAS 54948-34-4) 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.****Workplace Hazardous****Material Identification**

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System Ratings):

GB 12268-2012 List of
dangerous goods

This 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.