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

Product Identifier

Product Name: SiSiB® PC9411

Chemical Name: 1,3-Divinyltetramethyldisilazane

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

H225 Flam Liq. 2 R10, R11

H315 Skin Irrit. 2 R38

H319 Eye Irrit. 2 R36

H335 STOT SE 3a R37

The risk codes have been generated using Annex VII of directive 67/548/EEC. Risk code combinations are not included.

Label elements

Pictogram



Signal word

Danger

Hazard statement(s)

H225

Highly flammable liquid and vapor.

H315

Causes skin irritation.

H319

Causes serious eye irritation.

H335

May cause respiratory irritation.

Precautionary statement(s)

P210

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260

Do not breathe dust/fume/gas/mist/vapors/spray.

P303 + P361 + P353

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Other hazards

Additional precautionary phrases are located throughout the safety data sheet

SECTION 3: Composition/information on ingredients

Synonyms: Tetramethyldivinylsilazane

Formula: $C_8H_{19}NSi_2$

Molecular Weight: 185.41 g/mol

Component	Concentration
1,1,3,3-Tetramethyl-1,3-divinylsiloxane	
CAS-No. 7691-02-3 EC-No. 201-701-1	-

SECTION 4: First aid measures**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

In case of skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

If skin irritation occurs: Get medical advice/ attention.

In case of eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects

There may be pain and redness.

SECTION 5: Firefighting measures**Suitable extinguishing media**

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Suitable In case of fire: Use sand, CO2 or powdered extinguishing agent

Unsuitable Do not use water

Special Hazards arising from the substance or mixture

In combustion toxic fumes may form.

Precautions for fire-fighters

Wear self-contained breathing apparatus.

Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details.

Eliminate all sources of ignition.

Do not attempt to take action without suitable protective clothing – see section 8 of SDS.

Environmental precautions

Do not discharge into drains or rivers.

Contain the spillage using bunding.

Methods and materials for containment and cleaning up

Absorb into dry earth or sand.

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

SECTION 7: Handling and storage

Precautions for safe handling

Ensure there is sufficient ventilation of the area.

Ground/bond container and receiving equipment.

Protection against explosions and fires

Take off contaminated clothing and wash before reuse.

Take precautionary measures against static discharge.

Use explosion-proof electrical/ventilating/lighting/.

Use only non-sparking tools.

Wash hands thoroughly after handling.

Conditions for safe storage

Managing Storage Risks

Store in cool, well ventilated area.

Keep away from sources of ignition.

Keep container tightly closed.

Keep away from direct sunlight.

Storage Controls

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No special requirements

Maintaining Integrity

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Keep container tightly closed.

Keep cool.

Other advice

Store in a well-ventilated place. Keep container tightly closed.

Specific End Uses

The end use(s) have not been fully determined. The substance is supplied for Research and Development purposes by professionals only.

SECTION 8: Exposure Controls/Personal Protection

Exposure Controls

General protective and hygiene measures

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

Wash hands during breaks and at the end of handling the material

Engineering measures

Use only outdoors or in a well-ventilated area.

Ensure lighting and electrical equipment are not a source of ignition.

Eye / Face Protection

Safety Glasses with side-shields.

Hand protection

Protective gloves.

Respiratory protection

Do not breathe dust/fume/gas/mist/vapors/spray.

Use breathing protection with high concentrations

Skin protection

Handle with gloves.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practice.

Wash and dry hands.

Protective clothing.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties

a) Appearance

Form: clear liquid

Color: colorless

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b) Odor	Ammonia-like
c) Odor Threshold	no data available
d) pH	no data available
e) Melting/freezing point	no data available
f) Initial boiling point and boiling range	160-161°C
g) Flash point	34°C
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapor pressure	<20mm at 20°C
l) Vapor density	no data available
m) Relative density	0.819
n) Water solubility	Insoluble
o) Partition coefficient: octanol/water	no data available
p) Autoignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

Other safety information

no data available

SECTION 10: Stability And Reactivity

. Reactivity

Reacts with water

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

no hazardous reactions known

Conditions to avoid

Heat.

Direct Sunlight.

Hot Surfaces.

Flames.

Materials to avoid

Oxidizing agents.

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Acids.

Alcohols.

Peroxides.

Hazardous decomposition products

In combustion emits toxic fumes.

In combustion emits toxic fumes of organic acid vapors.

SECTION 11: Toxicological Information**Acute toxicity**

no data available

Skin corrosion/irritation

irritant for skin and mucous membranes

Serious eye damage/eye irritation

irritant effect

Respiratory or skin sensitization

No sensitizing effect known

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Additional Information

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

No classification data on carcinogenic properties of this material is available from the EPA, IARC, NTP, OSHA or ACGIH

SECTION 12: Ecological Effects**Toxicity**

No data available

Persistence and degradability

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No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

PBT and vPvB assessment

No data available

Other adverse effects

Do not allow product to reach ground water, water bodies or sewage system, even in small quantities.

SECTION 13: Disposal considerations**No Resource File**

Disposal Operations

Disposal of Packaging

Disposal must be made according to official regulations.

SECTION 14: Transport Information**ADR/RID**

UN-Number: 1993 Class: 3 Packing group: III

Proper shipping name: FLAMMABLE LIQUID, N.O.S.

IMDG

UN-Number: 1993 Class: 3 Packing group: III

Proper shipping name: FLAMMABLE LIQUID, N.O.S.

IATA

UN-Number: 1993 Class: 3 Packing group: III

Proper shipping name: FLAMMABLE LIQUID, N.O.S.. no data available

SECTION 15: Regulatory Information**Safety, health and environmental regulations:**

This product is not subject to any additional regulations or provisions

Safety Assessment

No Chemical Safety Assessment

SECTION 16: Other Information

Associated risk phrases according to European directive 67/548/EEC

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- R10 Flammable
- R11 Highly flammable
- R36 Irritating to eyes
- R37 Irritating to respiratory system
- R38 Irritating to skin

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.