

GELEST, INC.

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MATERIAL SAFETY
DATA SHEET

EMERGENCY TELEPHONE
CHEMTREC: 1-800-424-9300

NAME: **STYRYLETHYLTRIS(TRIMETHYLSILOXY)SILANE, mixed isomers tech-95 - SIS6991.0**
 CHEMICAL NAME: STYRYLETHYLTRIS(TRIMETHYLSILOXY)SILANE
 SYNONYMS: [TRIS(TRIMETHYLSILOXY)ETHYL]STYRENE
 CHEMICAL FAMILY: ORGANOSILOXANE
 FORMULA: C₁₉H₃₈O₃Si₄
 HMIS CODES HEALTH: 3 FLAMMABILITY: 1 REACTIVITY: 0

INGREDIENTS

IDENTITY	CAS NO.	%	TLV
STYRYLETHYLTRIS(TRIMETHYLSILOXY)SILANE, mixed isomers	not found	>90	not established
DI-t-BUTYLHYDROXYTOLUENE		<500ppm	

PHYSICAL DATA

Boiling Point: >100°C at 1mm	Freezing Point: <0°C
Specific Gravity: 0.85	Vapor Pressure: <0.1mm
Vapor Density (air=1): >1	Solubility in water: insoluble
% volatiles: <5	Evaporation rate (butyl acetate =1): <1
Molecular Weight: 426.84	Refractive Index: 1.456
Appearance & Color: Clear to straw liquid with mild odor	

FIRE & EXPLOSION DATA

Flash Point, COC: >110°C (>230°F) Autoignition Temp.: not determined
 Flammability Limits- LEL: NA UEL: NA

Extinguishing Media: Water spray, foam, carbon dioxide, dry chemical.
 Special Fire Fighting Procedures: Avoid eye and skin contact. Do not breathe fumes or inhale vapors.
 Unusual Fire and Explosion Hazards: Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.

ENVIRONMENTAL INFORMATION

Spill response: May be hazardous to aquatic life if released to open waters. Cover spill with absorbent material. Transfer to a suitable container for disposal.

Recommended Disposal: May be incinerated. Alternately, absorb onto clay or vermiculite and dispose of absorbent material as solid waste. Follow all chemical pollution control regulations.

HEALTH HAZARD DATA

Eye Contact: Will cause immediate or delayed eye irritation.

Skin contact: May produce irritation or contact dermatitis which may be delayed several hours. Prompt and thorough washing with soap and water will reduce or eliminate potential dermal effects.

Inhalation: Inhalation of vapors or particulates of may irritate the respiratory tract. Overexposure may produce coughing, headache and nausea. |

Oral Toxicity: Not determined.

Chronic Toxicity: There are no known chronic effects related to this compound.

SUGGESTED FIRST AID

EYES: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

SKIN: Flush with water, then wash with soap and water.

INHALATION: Move exposed individual to fresh air. Call a physician.

INGESTION: Never give fluids or induce vomiting if patient is unconscious or having convulsions. Get medical attention.

REACTIVITY DATA

Stability: Stable in sealed containers stored in the dark at 0-5°. Polymerization can occur when stored at elevated temperature.

Conditions to avoid: Combustible; avoid contact with heat, sparks or open flame.

Incompatibility (materials to avoid): Peroxides, oxidizers.

Hazardous decomposition products: Organic acid vapors.

Non-hazardous polymerization can occur if stored above 50°C

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SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is required. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV air-supplied or NIOSH certified organic vapor - gas respirator.

Eye and Face Protection: Chemical worker's goggles. Do not wear contact lenses.

Other Clothing and Equipment: Rubber, neoprene or nitrile gloves. An eyewash and emergency shower should be available. Launder clothing before reuse.

OTHER PRECAUTIONS

For research use only.

Storage and Handling: Store in sealed containers in the dark at 0-5°C

TRANSPORTATION

DOT SHIPPING NAME: CHEMICALS, NOI
DOT HAZARD CLASS: NOT REGULATED
DOT LABEL: NOT REGULATED
DOT ID No: NOT REGULATED

Prepared by safety and environmental affairs MSDS ISSUE DATE SIS6991.0: 3/31/15
SUPERSEDES: none

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