

**GELEST, INC.**

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MATERIAL SAFETY  
DATA SHEET

EMERGENCY TELEPHONE  
CHEMTREC: 1-800-424-9300

NAME: **VINYLTRIETHOXYSILANE-PROPYLTRIETHOXYSILANE oligomeric co-hydrolysate - SIV9112.3**

CHEMICAL NAME: VINYLTRIETHOXYSILANE-PROPYLTRIETHOXYSILANE oligomeric co-hydrolysate

SYNONYMS: ETHOXYVINYL-ETHOXYPROPYL OLIGOMERIC SILOXANE

CHEMICAL FAMILY: ORGANOETHOXYSILANE

HMIS CODES HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 1

**INGREDIENTS**

IDENTITY	CAS NO.	%	TLV
VINYLTRIETHOXYSILANE-PROPYLTRIETHOXYSILANE oligomeric co-hydrolysate	201615-10-3	>95	not established
ETHANOL	64-17-5	<2	1000ppm TWA

**PHYSICAL DATA**

Boiling Point: NA	Freezing Point: <0°C
Specific Gravity: 1.02	Vapor Pressure: not determined
Vapor Density: NA	Solubility in water: reacts
% volatiles: NA	Evaporation rate: NA
Molecular Weight: 300-700	Other: NA
Appearance & Color: Clear to straw liquid with mild odor	

**FIRE & EXPLOSION DATA**

Flash Point, COC: 116°C (241°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.

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## 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. Polymerization can occur at elevated temperatures.

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

Incompatibility (materials to avoid): Reacts with water and moisture in air liberating ethanol.

Hazardous decomposition products: Organic acid vapors, ethanol

## SPECIAL PROTECTION INFORMATION

Ventilation: Local exhaust is required. Mechanical is recommended.

Respiratory Protection: If exposure exceeds TLV air-supplied or combination organic vapor acid 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 and industrial use only.

Storage and Handling: Store in sealed containers.

## 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 SIV9112.3: 1/26/15  
SUPERSEDES: none

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