

**MATERIAL SAFETY  
DATA SHEET**

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NAME USED ON LABEL: VINYLTRIS(METHYLETHYLKETOXIMINO)SILANE  
CHEMICAL NAME: VINYLTRIS(METHYLETHYLKETOXIMINO)SILANE  
SYNONYMS: TRIS(METHYLETHYLKETOXIMINO)VINYLSILANE  
CHEMICAL FAMILY: ORGANOSILANE  
FORMULA: C<sub>14</sub>H<sub>27</sub>N<sub>3</sub>O<sub>3</sub>Si  
HMIS CODES HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 1

**INGREDIENTS**

**IDENTITY**

VINYLTRIS(METHYLETHYLKETOXIMINO)SILANE  
CAS NO. % TLV OSHA PEL  
2224-33-1 >95 not established  
METHYLETHYLKETOXIME 96-29-7 < <5 10ppm not established

**PHYSICAL DATA**

Boiling Point: 113°C at 0.1mm Freezing Point: -22°C  
Specific Gravity: 0.982 Vapor Pressure, 25°: <0.1mm  
Vapor Density: not determined Solubility in water: insoluble  
% volatiles: NA Evaporation rate: NA  
Molecular Weight: 313.47 Other: NA  
Appearance & Color: Clear to straw liquid with mild odor

**FIRE & EXPLOSION DATA**

Flash Point, COC: 90°C (194°F) Autoignition Temp.: not determined  
Flammability Limits: not determined  
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: 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**

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Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose, LC: Lethal Concentration; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; HMIS: Hazardous Material information System; CAS No.: Chemical Abstract Service Registration Number  
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Eye Contact: May cause immediate or delayed severe eye irritation.  
Skin contact: May produce irritation 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 may irritate the respiratory tract.  
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. Conditions to avoid: Combustible; avoid contact with heat, sparks or open flame.  
Incompatibility (materials to avoid): Oxidizers, peroxides, strong acids.  
Hazardous decomposition products: Organic Acid Vapors.

### **SPECIAL PROTECTION INFORMATION**

Ventilation: Local exhaust is required. Mechanical is recommended.  
Respiratory Protection: If exposure exceeds TLV air-supplied or combination organic vapor 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: COMBUSTIBLE LIQUID, N.O.S.  
DOT HAZARD CLASS: Not Regulated  
DOT LABEL: Not Required  
DOT ID No: Not Required

The information contained in this document has been gathered from reference materials and/or Sibond test data and is to the best knowledge and belief of Sibond accurate and reliable. Such information is offered solely for your consideration, investigation and verification. It is not suggested or guaranteed that the hazard precautions or procedures described are the only ones which exist. Sibond makes no warranties, express or implied, with respect to the use of such information and assumes no responsibility therefore.

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