

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-141/141-57-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

141-57-1

**Code:**

M

**RTECS:**

VV5300000

**Code:**

M

**Name:**

3 (HEPTAFLUOROISOPROPOXY) PROPYLTRICHLOROSILANE.

**Other REC Limits:**

N/K

**OSHA PEL:**

NOT APPLICABLE

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT APPLICABLE

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

SELF-CONTAINED BREATHING APPARATUS APPROVED BY NIOSH/MSHA.

**Ventilation:**

MATL MUST BE CONFINED TO A FUME HOOD EQUIPPED TO HANDLE HYDROGEN CHLORIDE, AN EXTREMELY CORROSIVE MATERIAL.

**Protective Gloves:**

PVC COATED 4

**Eye Protection:**

CHEMICAL WORKERS GOGGLES (FP N)

**Other Protective Equipment:**

Equipment EYE BATH, SAFETY SHOWER, CHEMICAL APRON.

**Work Hygienic Practices:**

NONE SPECIFIED BY MANUFACTURER.

**Supplemental Safety and Health:**

HEALTH HAZARDS (CONT): PRLNGD, RPTD EXPOS TO VAP CAN CAUSE EROSION OF THE TEETH, BLEEDING OF NOSE AND GUMS AND DAMAGE TO MUC MEMB.

## Health Hazards Data

**LD50/LC50 Mixture:**

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

NO

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INGEST: HIGHLY TOXIC CAUSES BURNS OF THE MOUTH, THROAT, ESOPHAGUS & STOMACH. INHAL: LOW CONC IRRIT EYE, MUC MEMB & RESP TRACT. HIGH CONC CAN CAUSE LETHAL LUNG DAMAGE. SKIN: MATL IS CORR & CAUSES SEVERE BURNS. EYE: VA POR CAUSE SEVERE IRRIT. HCL VAP MAY BE FORMED & CAUSE CORNEAL DAMAGE WHICH COULD RESULT IN BLINDNESS. (SEE SUPP DATA)

**Explanation Of Carcinogenicity:**

NOT RELEVANT

**Signs And Symptoms Of Overexposure:**

SYMPTOMS ARE SEVERE ABDOMINAL AND CHEST PAIN, NAUSEA, DIARRHEA, DIZZINESS, CIRCULATORY COLLAPSE, AND COMA.

**Medical Cond Aggravated By Exposure:**

VAPOR MAY AGGRAVATE ASTHMA AND PULMONARY DISEASE AS WELL AS DERMATITIS.

**First Aid:**

INGEST: DO NOT INDUCE VOMIT. GIVE LGE QTY MILK, SEE MD IMMED. SKIN: REMOVE CONTAM CLTH & FLUSH SKIN W/H\*20 FOR AT LEAST 15 MIN. SEE MD. INHAL: MOVE VICTIM TO FRESH AIR, SUPPORT BREATH (O\*2/ARTIFICIAL RESPIRATION) SEE MD. EYE: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MIN. SEE MD.

**Spill Release Procedures:**

WEAR FULL PROTECTIVE CLTH AND NIOSH/MSHA APPROVED SCBA. AVOID CONTACT WITH LIQUID AND VAPORS. COLLECT FOR DISPOSAL.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

DISPOSE OF IN I/A/W CURRENT FEDERAL, STATE, AND LOCAL REGULATIONS FOR HAZARDOUS WASTE.

**Handling And Storage Precautions:**

3 DO NOT GET IN EYES, ON SKIN, OR CLOTHING. DO NOT BREATHE VAPOR. KEEP CONTNRS TIGHTLY CLOSED. USE ONLY IN A FUME HOOD. WASH THOROUGHLY AFTER HANDLING.

**Other Precautions:**

DANGER, POISON, HARMFUL OR FATAL IF SWALLOWED.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****Flash Point Text:**

187°F/80°C

**Melt/Freeze Pt:****M/P/F/P Text:**

N/K

**Decomp Temp:****Decomp Text:**

N/K

**Vapor Pres:**

N/A

**Vapor Density:**

N/A

**Volatile Org Content %:**

N/A

**Spec Gravity:**

NOT APPLICABLE

**VOC Pounds/Gallon:**

N/A

**PH:**

N/K

**VOC Grams/Liter:****VOC G/L Text:**

N/A

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

NOT APPLICABLE

**Reactivity:**

REACTS VIOLENTLY

**Appearance and Odor:**

CLEAR, COLORLESS LIQUID. HYDROCHLORIC ACID ODOR.

**Percent Volatiles by Volume:**

N/K

**Corrosion Rate:**

N/K 5

## Reactivity Data

**Stability Indicator:****Stability Condition To Avoid:****Materials To Avoid:****Hazardous Decomposition Products:****Hazardous Polymerization Indicator:****Conditions To Avoid Polymerization:**

## Toxicological Information

**Information:**

N/P

## MSDS Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

**Other Information:**

N/P

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