

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-187/18748-98-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
18748-98-6

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
TRIMETHYLSTEARYLOXYSILANE

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
USE RESPIRATORY PROTECTION UNLESS ADEQUATE LOCAL EXHAUST VENTILATION IS PROVIDED OR AIR SAMPLING SHOW EXPOSURES ARE WITHIN RECOMMENDED EXPOSURE GUIDELINES.INDUSTRIAL HYGIENIST CAN ASSIST IN JUDGING AD EQUACY OF EXISTING ENGINEERING CONTROLS.

**Ventilation:**  
LOCAL EXHAUST VENTILATION AND GENERAL VENTILATION RECOMMENDED.

**Protective Gloves:**  
SILVER SHIELD(R). 4H(R). GLOVES.

**Eye Protection:**  
USE PROPER PROTECTION;SAFETY GLASSES,MIN

**Other Protective Equipment:**  
Equipment SUITABLE RESPIRATOR: USE SELF-CONTAINED BREATHING APPARATUS (SCBA) OR FULLFACE ORGANIC VAPOR TYPE RESPIRATOR.

**Work Hygienic Practices:**  
WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

**Supplemental Safety and Health:**  
NONE 6

## Health Hazards Data

**LD50LC50Mixture:**  
NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

**Health Hazards Acute And Chronic:**  
ACUTE: EYES: MODERATELY IRRITATING WITH REDNESS,SWELLING. SKIN: MAY CAUSE DEFATTING,DERMATITIS. INHALATION: REPEATED OR PROLONGED EXPOSURES MAY CAUSE SENSITIZATION TO EPINEPHRINE. SHORT EXPOSURE MAY C AUSE DROWSINESS,IRRITATE NOSE,THROAT,CAUSE INJURY TO LUNGS,KIDNEYS,CNS. INGESTION: LARGE AMOUNTS MAY INJURE SLIGHTLY.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
4 EYES: IRRITATION, REDNESS, SWELLING. SKIN: DEFATTING, IRRITATION, DERMATITIS. INHALATION: SENSITIZATION OF EPINEPHRINE,DROWSINESS, NOSE AND THROAT IRRITATION,INJURY OF LUNGS, KIDNEYS, CNS. INGESTION: LARGE AMOUNTS INGESTED MAY INJURE SLIGHTLY.

**Medical Cond Aggravated By Exposure:**  
NONE SPECIFIED BY MANUFACTURER.

**First Aid:**  
EYES: FLUSH WITH LARGE AMOUNTS OF WATER. SKIN: REMOVE CONTAMINATED CLOTHING. REMOVE FROM SKIN AND WASH WITH SOAP AND WATER OR WATERLESS CLEANSER. GET MEDICAL ATTENTION IF IRRITATION OR OTHER ILL EFFEC TS DEVELOP OR PERSIST. INHALATION: MOVETO FRESH AIR. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION. COMMENTS: TREAT ACCORDING TO PERSON'S CONDITION AND SPECIFICS OF EXPOSURE.

**Spill Release Procedures:**  
LET PROPELLANT EVAPORATE. COLLECT SPILL AND CONTAIN FOR SALVAGE OR DISPOSAL. OBSERVE ALL PERSONAL PROTECTION EQUIPMENT RECOMMENDED. FOLLOW ALL LOCAL, STATE, FEDERAL REPORTING REQUIREMENTS THAT APPLY T O SPILLS OF THIS MATERIAL INTO THE ENVIRONMENT.

**Neutralizing Agent:**  
NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**  
DISPOSAL OF COLLECTED PRODUCT, RESDUES, AND CLEANUP MATERIALS MAY BE GOVERNMENTALLY REGULATED. OBSERVE ALL APPLICABLE LOCAL, STATE, AND FEDERAL WASTE MANAGEMENT REGULATIONS.

**Handling And Storage Precautions:**  
NO SPECIAL HANDLING PRECAUTIONS RECOMMENDED. KEEP CONTAINER CLOSED AND AWAY FROM HEAT, SPARKS, AND OPEN FLAME.

**Other Precautions:**  
NONE SPECIFIED BY MANUFACTURER.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
FLAMMABLE AEROSL

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K 5

**Lower Limits:**  
NOT GIVEN

**Upper Limits:**  
NOT GIVEN

**Extinguishing Media:**  
CARBON DIOXIDE, WATER, WATER SPRAY, DRY CHEMICAL, FOAM.

**Fire Fighting Procedures:**  
FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

**Unusual Fire/Explosion Hazard:**  
VAPORS ARE HEAVIER THAN AIR AND CAN TRAVEL ALONG GROUND TO REMOTE IGNITION SOURCES.

## Physical/Chemical Properties

**HCC:**  
V3

**NRC/State LIC No:**  
N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
NOT GIVEN

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/A

**Decomp Temp:**

**Decomp Text:**  
UNKNOWN

**Vapor Pres:**  
UNKNOWN

**Vapor Density:**  
UNKNOWN

**Volatile Org Content %:**

**Spec Gravity:**  
0.80

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
NOT GIVEN

**Solubility in Water:**  
UNKNOWN

**Appearance and Odor:**  
COLORLESS LIQUID IN 16 OZ AEROSOL SPRAY CAN, SOLVENT ODOR.

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
UNKNOWN

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH HEAT, SPARKS, OPEN FLAME, PHYSICAL DAMAGE.

**Materials To Avoid:**  
NONE SPECIFIED BY MANUFACTURER.

**Hazardous Decomposition Products:**  
THERMAL BREAKDOWN OF PRODUCT DURING FIRE MAY EVOLVE SILICON DIOXIDE,CARBON DIOXIDE,TRACES OF INCOMPLETELY BURNED CARBON.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
WILL NOT OCCUR. 7

## 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

**Other Information:**N/P