

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-75/75-00-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
75-00-3  
**Code:**  
M

**RTECS:**  
KH7525000  
**Code:**  
M

**Name:**  
ETHYL CHLORIDE (SARA III)

**Other REC Limits:**  
2600 MG/CUM

**OSHA PEL:**  
1000 PPM  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
1000 PPM; 9192  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
IN DUSTY ATMOSPHERES, USE AN APPROVED DUST RESPIRATOR.

**Ventilation:**  
PROVIDE MECHANICAL & LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE LEVELS TO KEEP

**Protective Gloves:**  
N/K

**Eye Protection:**  
SAFETY GLASSES, CHEMICAL GOGGLES

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
USE CLEAN BODY-COVERING CLOTHING.

**Supplemental Safety and Health:**  
GAS FIRED RECIRCULATING AIR FURNANCES OR HEATERS/GAS WATER HEATER, ETC., DRAWING AIR FROM AREAS WHERE THERE MAY BE A PRESENCE OF ETHYL CHLORIDE GAS FROM STORAGE/FABRICATION OF EXPANDED POLYSTYRENE FOAM, CAN HAVE RUST/CORROSION PROBLEMS AS A RESULT OF THE THERMAL DECOMPOSITION OF ETHYL CHLORIDE TO HYDROGEN CHLORIDE.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES: SOLID OR DUST MAY CAUSE IRRITATION OR CORNEAL INJURY DUE TO MECHANICAL ACTION. SKIN: NON-IRRITATING/INJURY ONLY. INGESTION: PHYSICAL INJURY & MAY CAUSE CHOKING. INHALATION: DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
EYES: SOLID OR DUST MAY CAUSE IRRITATION OR CORNEAL INJURY DUE TO MECHANICAL ACTION. SKIN: NON-IRRITATING/INJURY ONLY. INGESTION: PHYSICAL INJURY ONLY & MAY CAUSE CHOKING. INHALATION: DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT.

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
EYES: FLUSH W/WATER FOR AT LEAST 5 MINUTES. INHALATION: REMOVE TO FRESH AIR & CONSULT PHYSICIAN.

**Spill Release Procedures:**  
PICK UP OR IF DUST OR IN SMALL PIECES, SWEEP UP & PLACE IN SUITABLE CONTAINER FOR DISPOSAL.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
BURY IN AN APPROVED LANDFILL OR BURN IN AN ADEQUATE INCINERATOR W/EXCESS OXYGEN, IN ACCORDANCE W/ALL LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORAGE OF LARGE QUANTITIES OF FOAM IN CONFINED, VIRTUALLY AIRTIGHT SPACES SHOULD BE AVOIDED TO PREVENT BUILDUP OF COMBUSTIBLE VAPORS.

**Other Precautions:**  
EXPANDED POLYSTYRENE INSULATION IS COMBUSTIBLE & MAY CONSTITUTE A FIRE HAZARD IF IMPROPERLY USED OR INSTALLED. THIS INSULATION CONTAINS A FLAME RETARDANT ADDITIVE TO INHIBIT ACCIDENTAL IGNITION FROM SMALL FIRE SOURCES.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/R 3

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/R

**Upper Limits:**  
N/R

**Extinguishing Media:**  
WATER FOG

**Fire Fighting Procedures:**  
WEAR POSITIVE-PRESSURE, SELF-CONTAINED BREATHING APPARATUS. APPLY LARGE VOLUMES OF WATER DIRECTLY ON FLAME OR BURNING SURFACE.

**Unusual Fire/Explosion Hazard:**  
EMITS DENSE, BLACK SMOKE WHEN BURNED. GRINDING OR CUTTING MAY LEAD TO A BUILD-UP OF DUST SUSPENDED IN AIR WHICH CAN CAUSE A DUST EXPLOSION IF IGNITED.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/R

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/R

**Vapor Density:**  
N/R 4

**Volatile Org Content %:**

**Spec Gravity:**  
0.027-0.064

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
NONE

**Appearance and Odor:**  
RIGID CELLULAR FOAM BOARD W/NO ODOR.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HIGH TEMPERATURES >572F, FLAME, &IGNITION SOURCES. TEMPS >300C WILL RELEASE COMBUSTIBLE GASES.

**Materials To Avoid:**  
AROMATIC HYDROCARBONS, HIGHER ALIPHATIC HYDROCARBONS, ESTERS, AMINES, HIGHER ALDEHYDES.

**Hazardous Decomposition Products:**  
CO, CO2, CARBON, SMALL AMOUNTS OF HYDROGEN BROMIDE/AROMATIC HYDROCARBONS, STYRENE/ETHYLBENZENE. ETHYL/HYDROGEN CHLORIDE

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## 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

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