

# 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:**

M

**ACGIH TLV:**

1000 PPM; 9192

**Code:**

M

**ACGIH STEL:**

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

**LD50/LC50/Mixture:**

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 ONLY & MAY CAUSE CHOKING. INHALATION: DUST MAY CAUSE IRRITATION TO UPPER RESPIRATORY TRACT.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms 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:****HCC:****NRC/State LIC No:****NRC/State LIC No:****Net Prop WT For Ammo:****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:****Vapor Pres:**

N/R

**Vapor Density:****Vapor Density:**

N/R 4

**Volatile Org Content %:****Volatile Org Content %:**

0.02-0.064

**Spec Gravity:**

0.902-0.904

**VOC Pounds/Gallon:****VOC Pounds/Gallon:**

N/K

**PH:**

N/K

**VOC Grams/Liter:****VOC Grams/Liter:****Viscosity:****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

**Decomposition Products:**

CHLORIDE GAS, SMALL AMOUNTS OF HYDROGEN BROMIDE/AROMATIC HYDROCARBONS, STYRENE/ETHYL BENZENE, ETHYL/HYDROGEN CHLORIDE.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

TEMPERATURE >72°F, FLAME, & IGNITION SOURCES, TEMPS >300°C WILL RELEASE COMBUSTIBLE GASES.

**Materials To Avoid:**

AROMATIC HYDROCARBONS, HIGHER ALIPHATIC HYDROCARBONS, ESTERS, AMINES, HIGHER ALDEHYDES.

**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.

## Toxicological Information

**Information N/P:****Information N/P:**

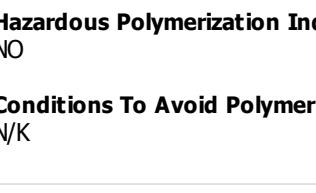
## MSDS Transport Information

**Information N/P:****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**

Look for Chemicals

www.lookchem.com

For R&D use only. Not for drug, household or other uses.  
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The product information in this document is based on appropriate safety and pre-safety. It does not represent any guarantee of the properties of the product. Lookchem shall not be liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.