

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-470/47073-92-7.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
47073-92-7

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
ETHYLIDENEDI-4,1-PHENYLENE CYANATE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NIOSH CERTIFIED RESPIRATOR NO.1 & NO.3 IF NEEDED.

**Ventilation:**  
LOCAL EXHAUST; MECHANICAL (GENERAL); KEEP AREA WELL VENTILATED.

**Protective Gloves:**  
RECOMMENDED

**Eye Protection:**  
RECOMMENDED

**Other Protective Equipment:**  
Equipment 3 BARRIER CREAMS

**Work Hygienic Practices:**  
OBSERVE GOOD HYGIENE &STANDARD SAFETY PRECAUTIONS.

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
SENSITIVE PEOPLE MAY EXPERIENCE DERMATITIS. INGESTION: SINGLE DOSE; LOW TOXICITY.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
N/K

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

**First Aid:**  
SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES. 2

**Spill Release Procedures:**  
SOAK UP W/ABSORBENT MATERIAL. KEEP OPEN FLAMES & SPARKS AWAY. RESIDUAL RESIN CAN BE REMOVED W/SOAP & WATER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
LANDFILL IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
TO INSURE SHELF LIFE, STORE IN A FREEZER AT 40F/BELOW FOR PROLONGED PERIODS OF TIME.

**Other Precautions:**  
AVOID REPEATED/PROLONGED INHALATION OF FUMES/SMOKE WHICH MAY BE GENERATED BY HEATING DURING CURE.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
SCC

**Flash Point:**

**Flash Point Text:**  
>392F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
WATER, FOAM, DRY CHEMICAL/CO2

**Fire Fighting Procedures:**  
WEAR SELF CONTAINED BREATHING APPARATUS & GOGGLES.

**Unusual Fire/Explosion Hazard:**  
HAZARDOUS POLYMERIZATION MAY OCCUR IF HEATED >356F. IN MASS.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
<1

**Volatile Org Content %:**

**Spec Gravity:**  
1.2

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
NEGLEGIBLE

**Appearance and Odor:**  
BROWN LIQUID

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
STORAGE TEMPS >100F, FREEZING >40F, OPEN FLAMES, SPARKS

**Materials To Avoid:**  
STRONG ALKALI, ACIDS, MERCAPTANS, ALIPHATIC AMINES

**Hazardous Decomposition Products:**  
CO, CO2, PHENOL &UNKNOWN HYDROCARBONS, NITROGEN OXIDES, TRACE AMOUNTS OF HYDROCYANIC ACID

**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