

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-251/25191-90-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
25191-90-6  
**Code:**  
M  
**RTECS:**  
**Code:**  
X  
**Name:**  
NYLON TERPOLYMER  
**Other REC Limits:**  
NOT PROVIDED  
**OSHA PEL:**  
NOT PROVIDED  
**Code:**  
M  
**OSHA STEL:**  
N/P  
**Code:**  
  
**ACGIH TLV:**  
NOT PROVIDED  
**Code:**  
M  
**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
SUPPLIED AIR RESPIRATOR (SELF-CONTAINED OR AIR-LINE) IN HIGH VAPOR CONCENTRATIONS.  
**Ventilation:**  
GENERAL (MECHANICAL) ROOM VENTILATION SHOULD BE SATISFACTORY. SPECIAL, LOCAL VENTILATION IS NEEDED AT POINTS WHERE VAPORS ESCAPE TO WORKPLACE AIR.  
**Protective Gloves:**  
RUBBER OR VINYL GLOVES.  
**Eye Protection:**  
CHEMICAL SAFETY GLASSES  
**Other Protective Equipment:**  
Equipment A SAFETY SHOWER AND EYEWASH SHOULD BE AVAILABLE.  
**Work Hygienic Practices:**  
NOT PROVIDED  
**Supplemental Safety and Health:**  
ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROINTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

## Health Hazards Data

**LD50LC50Mixture:**  
NOT PROVIDED  
**Route Of Entry Inds - Inhalation:**  
N/P  
**Skin:**  
N/P  
**Ingestion:**  
N/P  
**Carcinogenicity Inds - NTP:**  
NO  
**IARC:**  
NO  
**OSHA:**  
NO  
**Health Hazards Acute And Chronic:**  
POTENTIAL HEALTH EFFECTS: INHALATION: HIGH VAPOR CONCENTRATIONS MAY CAUSE BURNING SENSATION IN THE NOSE AND THROAT. DIZZINESS, NAUSEA, DROWSINESS AND VOMITING MAY ALSO OCCUR. SKIN: PROLONGED OR REPEATED SKIN CONTACT CAN CAUSE DRYING OR BRITTLENESS. EYE: MAY CAUSE IRRITATION. THERE MAY BE MILD TO MODERATE CONJUNCTIVITIS. INGESTION: MAY CAUSE DIZZINESS, EUPHORIA, NAUSEA AND LACK OF COORDINATION. LONG TERM REPEATED ORAL EXPOSURE TO ETHANOL MAY RESULT IN THE DEVELOPMENT OF PROGRESSIVE LIVER  
**Explanation Of Carcinogenicity:**  
NONE OF THE COMPONENTS IN THIS MATERIAL ARE LISTED AS A CARCINOGEN.  
**Signs And Symptions Of Overexposure:**  
INHALATION: HIGH VAPOR CONCENTRATIONS MAY CAUSE BURNING SENSATION IN THE NOSE AND THROAT. DIZZINESS, NAUSEA, DROWSINESS AND VOMITING MAY ALSO OCCUR. SKIN: PROLONGED OR REPEATED SKIN CONTACT CAN CAUSE DRYING OR BRITTLENESS. EYE: MAY CAUSE IRRITATION. THERE MAY BE MILD TO MODERATE CONJUNCTIVITIS. INGESTION: MAY CAUSE DIZZINESS, EUPHORIA, NAUSEA AND LACK OF COORDINATION.  
**Medical Cond Aggravated By Exposure:**  
NOT PROVIDED  
**First Aid:**  
4 EYE CONTACT: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CONTACT PHYSICIAN. SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND WASH CONTAMINATED SKIN WITH LARGE AMOUNT OF WATER. IF IRRITATION PERSISTS, CONTACT PHYSICIAN. INHALATION: REMOVE PATIENT FROM CONTAMINATED AREA. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. CONTACT PHYSICIAN IMMEDIATELY. INGESTION: INDUCE VOMITING OF CONSCIOUS PATIENT IMMEDIATELY AND CONTACT PHYSICIAN.  
**Spill Release Procedures:**  
ELIMINATE IGNITION SOURCES. WEAR SUITABLE PROTECTIVE EQUIPMENT. SMALL SPILLS MAY BE FLUSHED WITH LARGE QUANTITIES OF WATER. LARGER SPILLS SHOULD BE COLLECTED FOR DISPOSAL. LARGE SPILLS: RESPIRATOR: USE SUPPLIED AIR RESPIRATOR (SELF-CONTAINED OR AIR-LINE) IN HIGH VAPOR CONCENTRATIONS. EYE: CHEMICAL SAFETY GLASSES. GLOVES: RUBBER OR VINYL GLOVES. A SAFETY SHOWER AND EYEWASH SHOULD BE AVAILABLE.  
**Neutralizing Agent:**  
NOT RELEVANT  
**Waste Disposal Methods:**  
ALL DISPOSAL SHOULD BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.  
**Handling And Storage Precautions:**  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. LOOSEN CLOSURE CAUTIOUSLY BEFORE OPENING. USE SPARK PROOF AND EXPLOSION PROOF EQUIPMENTS. STORE AT AMBIENT TEMPERATURE (PREFERABLY 77°F(25°C)). STORE IN COOL, WELL VENTILATED PLACE AWAY FROM HEAT, SPARKS AND FLAMES. GROUND AND BOND CONTAINERS WHEN TRANSFERRING.  
**Other Precautions:**  
AVOID HEAT, SPARKS, FLAME. THE USE OF LOCAL EXHAUST EQUIPMENT IS RECOMMENDED TO CONTROL EMISSIONS NEAR THE SOURCE. AVOID BREATHING VAPOR. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. EMPTY CONTAINERS MAY RETAIN HAZARDOUS PROPERTIES.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC  
**Flash Point:**  
=13.9C, 57.F  
**Flash Point Text:**  
  
**Autoignition Temp:**  
=422.8C, 793.F  
**Autoignition Temp Text:**  
  
**Lower Limits:**  
3.3%  
**Upper Limits:**  
19.0%  
**Extinguishing Media:**  
USE CO2, DRY CHEMICAL FOR SMALL FIRES; ALCOHOL TYPE OR ALL PURPOSE TYPE FOAMS FOR LARGE FIRES. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS AND STRUCTURES. 5  
**Fire Fighting Procedures:**  
WEAR SELF-CONTAINED BREATHING APPARATUS AND COMPLETE PERSONAL PROTECTIVE EQUIPMENT WHEN POTENTIAL FOR EXPOSURE TO VAPOR OR PRODUCTS OF COMBUSTION EXIST.  
**Unusual Fire/Explosion Hazard:**  
FLAMMABLE LIQUID; MAY RELEASE VAPORS THAT FORM FLAMMABLE MIXTURES WHEN TEMPERATURES ARE AT OR ABOVE FLASH POINT. VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCES TO A SOURCE OF IGNITION AND FLASHBACK.

## Physical/Chemical Properties

**HCC:**  
F2  
**NRC/State LIC No:**  
NOT RELEVANT 6  
**Net Prop WT For Ammo:**  
  
**Boiling Point:**  
=77.2C, 171.F  
**B.P. Text:**  
  
**Melt/Freeze Pt:**  
  
**M.P./F.P Text:**  
NOT PROVIDED  
**Decomp Temp:**  
  
**Decomp Text:**  
NOT PROVIDED  
**Vapor Pres:**  
48.4MMHG  
**Vapor Density:**  
1.6  
**Volatile Org Content %:**  
  
**Spec Gravity:**  
0.86  
**VOC Pounds/Gallon:**  
  
**PH:** NOT APPLICABLE  
**VOC Grams/Liter:**  
  
**Viscosity:**  
NOT PROVIDED  
**Evaporation Rate & Reference:**  
3.6 (BUAC=1)  
**Solubility in Water:**  
INSOLUBLE RESIN  
**Appearance and Odor:**  
CLEAR LIQUID; ALCOHOL ODOR  
**Percent Volatiles by Volume:**  
NOT PROVIDED  
**Corrosion Rate:**  
NOT PROVIDED

## Reactivity Data

**Stability Indicator:**  
YES  
**Stability Condition To Avoid:**  
HEAT, SPARKS, FLAMES  
**Materials To Avoid:**  
CONCENTRATED NITRIC AND SULFURIC ACIDS, STRONG OXIDIZING AGENTS.  
**Hazardous Decomposition Products:**  
CARBON OXIDES (CO, CO2), NITROGEN OXIDES (NO, NO2), AMMONIA, ORGANIC ACIDS AND ALDEHYDES.  
**Hazardous Polymerization Indicator:**  
NO  
**Conditions To Avoid Polymerization:**  
NONE

## 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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WARRANTY

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