

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-541/541-85-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
541-85-5  
**Code:**  
M

**RTECS:**  
MJ7350000  
**Code:**  
M

**Name:**  
ETHYL AMYL KETONE (5-METHYL-3-HEPTANONE)

**Other REC Limits:**  
N/P

**OSHA PEL:**  
25 PPM  
**Code:**  
M

**OSHA STEL:**

**Code:**

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

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

## Control Measures

**Respiratory Protection:**  
NIOSH/MSHA APPRVD RESP PROTECTN IN CONFINED/STAGNANT CONDITIONS

**Ventilation:**  
LOCAL EXHAUST:DUCT WORK ATTACHD TO EXHST FAN NEAR APPLICATOR

**Protective Gloves:**  
NEOPRENE

**Eye Protection:**  
MASK OR GOGS,AS NECESSRY

**Other Protective Equipment:**  
Equipment 5 EXPLOSN SPARK-PROOF EQUIP,INCL SHOES TOOLS,IF NECESSARY

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
DATA GIVEN FOR MIXED PRODUCT.VAPOR DENSITY:4 TO 5. FLASH PT OF CURE IS 116F. KEY1:F4.

## Health Hazards Data

**LD50LC50Mixture:**  
3 N/P

**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:**  
N/P

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
SKIN IRRIT,MILD DERMATTIS.SENSITIZATION.VAPOR IRRITATING TO EYES,MUCOUS MEMBR. HEADACH,DIZZ,NAUSEA.

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

**First Aid:**  
INHALATION:PROVIDE FRESH AIR.CALL MD.SKIN:WASH IMMEDIATELY W/SOAP & WATER.EYES:IMMEDIATELY FLUSH W/WATER AT LEAST 15 MINUTES.CALL MD

**Spill Release Procedures:**  
ELIMINATE ALL SOURCES OF IGNITION.USE ABSORBENT CLEAN-UPMATERIALS.AVOID PROLONGED BREATHING OF VAPORS.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
DISPOSE IN SEPARATE CLOSED METAL CONTAINER IN ACCORADANCE W/LOCAL,STATE, AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP CONTAINER CLOSED. DO NOT STORE NEAR HEAT,OPEN FLAME.AVOID PROLONGED BREATHING OF VAPOR OR SKIN CONTACT.LAUNDER CONTAMNTD CLOTHING BEFORE REUSE

**Other Precautions:**  
4 ADDED PROTECTION BY USE OF A BARRIER CREAM IS RECOMMENDED

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
111F PM (RESIN)

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.7

**Upper Limits:**

**Extinguishing Media:**  
DRY CHEMICAL,CO\*2

**Fire Fighting Procedures:**  
BLANKET FLAMES W/ONE OF ABOVE EXTINGUISHING MEDIA

**Unusual Fire/Explosion Hazard:**  
NONE

## Physical/Chemical Properties

**HCC:**  
F4

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

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
302 TO 326F

**Melt /Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
1.2

**Vapor Density:**  
N/P

**Volatile Org Content %:**

**Spec Gravity:**  
1.35

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
0.2 BUTYL ACETATE

**Solubility in Water:**  
MODERATE

**Appearance and Odor:**  
SOLVENT ODOR, CURE:AMBER,RESIN:COLOR AS SUPPLIED

**Percent Volatiles by Volume:**  
48.5

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
OPEN FLAME,ARC OR SPARKS 6

**Materials To Avoid:**  
NONE KNOWN TO MFR

**Hazardous Decomposition Products:**  
CO,CO\*2

**Hazardous Polymerization Indicator:**  
NO

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

## 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