

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-904/90438-79-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
90438-79-2

**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
OXO-HEPTYL ACETATE

**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/MSHA-APPROVED TC-23C PAINT SPRAY OR AIR SUPPLIED TC-19C RESPIRATORS MAY ALSO REDUCE EXPOSURE. OVEREXPOSURE TO VAPORS MAY BE PREVENTED BY ENSURING VENTILATION CONTROLS, VAPOR EXHAUST OR FRESH AIR ENTRY.

**Ventilation:**  
PROVIDE MECHANICAL/LOCAL EXHAUST VENTILATION TO KEEP

**Protective Gloves:**  
NEOPRENE, LATEX, POLYVINYL ALCOHOL

**Eye Protection:**  
CHEMICAL SPLASH GOGGLES, FULL FACESHIELD

**Other Protective Equipment:**  
Equipment CLEAN OR DISCARD CONTAMINATED CLOTHING &SHOES.

**Work Hygienic Practices:**  
TO REMOVE DECOMPOSITION PRODUCTS DURING WELDING OR FLAME CUTTING ON SURFACES COATED WITH THIS PRODUCT.

**Supplemental Safety and Health:**  
WT/GAL: 10.40 LBS.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

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

**Skin:**  
YES

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
YES

**IARC:**  
YES

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYE: IRRITATION. INHALATION: IRRITATION OF THE RESPIRATORY SYSTEM, PERMANENT BRAIN, NERVOUS SYSTEM DAMAGE, EYES, NOSE, & THROAT, HEADACHES, NAUSEA, DIZZINESS, & LOSS OF COORDINATION.

**Explanation Of Carcinogenicity:**  
CHROMIUM (6+) COMPOUND & STRONTIUM CHROMATE. HIGH LEVELS OF THESE MATERIALS W/AN INCREASED RISK OF CANCER.

**Signs And Symptoms Of Overexposure:**  
SKIN: PROLONGED/REPEATED CONTACT MAY CAUSE AN ALLERGIC REACTION. INHALATION: VAPOR/SPRAY MIST/SANDING/GRINDING DUSTS MAY BE HARMFUL. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING/INHALING THE CONTE NTS CAN BE HARMFUL OR FATAL. SKIN/EYE IRRITATION/BREATHING DIFFICULTIES. INGESTION: EXPOSURE TO A CORROSIVE MATERIAL.

**Medical Cond Aggravated By Exposure:**  
ALLERGIC SKIN REACTION 4

**First Aid:**  
INGESTION: DON'T INDUCE VOMITING. EYE: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: REMOVE PROMPTLY BY WIPING, FOLLOWED BY WATERLESS HAND CLEANER, SOAP & WATER. INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. CONTACT POISON CONTROL CENTER.

**Spill Release Procedures:**  
PROVIDE MAXIMUM VENTILATION. ONLY PERSONNEL EQUIPPED W/PROPER RESP, SKIN/EYE PROTECTION SHOULD BE PERMITTED IN THE AREA. REMOVE ALL SOURCES OF IGNITION. TAKE UP SPILLED MATERIAL W/SAWDUST/VERMICULTIE/ OTHER ABSORBENT MATERIAL/PLACE INTO CONTAINERS.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
WASTE MATERIAL MUST BE DISPOSED OF IN ACCORDANCE W/FEDERAL, STATE, & REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED OR DISPOSED OF THROUGH AN APPROVED WASTE MANAGEMENT FACILITY.

**Handling And Storage Precautions:**  
DON'T STORE >120F. STORE LARGE QTYS IN BUILDINGS DESIGNED & PROTECTED FOR STORAGE OF NFPA CLASS 1B FLAMMABLE LIQUIDS. KEEP CONTAINERS TIGHTLY CLOSED.

**Other Precautions:**  
IF THIS MATERIAL IS PART OF A MULTIPLE COMPONENT COATING SYSTEM, READ THE MATERIAL SAFETY DATA SHEETS FOR THE OTHER COMPONENT OR COMPONENTS BEFORE BLENDING AS THE RESULTING MIXTURE MAY HAVE THE HAZARD S OF ALL OF ITS PARTS.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
PMCC

**Flash Point:**

**Flash Point Text:**  
30F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
1.6%

**Upper Limits:**  
N/K

**Extinguishing Media:**  
USE NFPA CLASS B EXTINGUISHERS CO2, DRY CHEMICAL, OR UNIVERSAL AQUEOUS FILMING FORMING FOAM.

**Fire Fighting Procedures:**  
WATER SPRAY MAY BE INEFFECTIVE. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. WEAR SCBA. DON'T APPLY ON HOT SURFACES.

**Unusual Fire/Explosion Hazard:**  
WATER SPRAY MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP/POSSIBLE AUTOIGNITION/EXPLOSION WHEN EXPOSED TO EXTREME HEAT.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
78-200C

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/R

**Vapor Pres:**  
37.9

**Vapor Density:**  
>AIR

**Volatile Org Content %:**

**Spec Gravity:**  
1.25

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(BU AC = 100): 348

**Solubility in Water:**  
13.4%

**Appearance and Odor:**  
N/R

**Percent Volatiles by Volume:**  
69.90%

**Corrosion Rate:**  
N/R

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
TOXIC GASES MAY FORM WHEN PRODUCT IS CONTACTED BY FLAME OR HOT SURFACES. HEAT, SPARKS, &OPEN FLAMES.

**Materials To Avoid:**  
AVOID CONTACT W/STRONG ALKALIES, MINERAL ACIDS, OXIDIZING AGENTS.

**Hazardous Decomposition Products:**  
MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS WHEN HEATED. CO, HYDROGEN CHLORIDE CHLORINATED PRODUCTS, CHLORINE, COX.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K 6

## 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