

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-534/534-52-1.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
534-52-1

**Code:**  
M

**RTECS:**

**Code:**  
X 2

**Name:**  
LEAD SALTS OF DINITROORTHOCRESYLATE

**Other REC Limits:**  
NONE SPECIFIED

**OSHA PEL:**  
N/A

**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/A

**Code:**  
M

**ACGIHSTEL:**  
N/P

**Code:**

## Control Measures

**Respiratory Protection:**  
NOT REQUIRED.

**Ventilation:**  
ADEQUATE TO REMOVE NOXIOUS FUMES GENERATED DURING NORMAL USAGE.

**Protective Gloves:**  
INSULATION GLOVES FOR UNSHUNTED UNITS

**Eye Protection:**  
DAFETY GLASSES.

**Other Protective Equipment:**  
Equipment STATIC GROUNDING FOR UNSHUNTED UNITS.

**Work Hygienic Practices:**  
GOOD HYGIENE PRATICES CONSISTANT WITH NORMAL INDUSTRIAL PRATICES.

**Supplemental Safety and Health:**  
4 N/P

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
YES

**Health Hazards Acute And Chronic:**  
IMPROPER HANDLING MAY CAUSE PHYSICAL WOUNDS

**Explanation Of Carcinogenicity:**  
NO

**Signs And Symptions Of Overexposure:**  
PHYSICAL WOUNDS

**Medical Cond Aggravated By Exposure:**  
NONE GIVEN

**First Aid:**  
NONE GIVEN

**Spill Release Procedures:**  
NONE GIVEN

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
3 CONSULT WITH MANUFACTURE TO RERCOMMEND DISPOSAL METHOD. MUSTCOMPLY WITH CFR 45 5/18/80 PP33066-33285. CONSULT THE INSTITUTE OF EXPLOSIVE MAKERS, WASHINGTON D.C. FOR ADDITIONAL INFORMATION.

**Handling And Storage Precautions:**  
STORE IN ACCORDANCE TO REQUIREMENTS OF CFR TITLES 27 AND THE NATIONALFIRE PROTECTION ASSOCIATION.

**Other Precautions:**  
UNITS ARE TO BE HANDLED ONLY BY PERSONS THROUGHLY TRAINED AND QUALIFIED TO HANDLE EXPLOSIVE DEVICES.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/A

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
NONE

**Upper Limits:**  
NONE

**Extinguishing Media:**  
DO NOT FIGHT FIRES,

**Fire Fighting Procedures:**  
DO NOT FIGHT FIRES, EVACUATE PERSONNEL TO SAFE AREA

**Unusual Fire/Explosion Hazard:**  
THESE UNITS CAN BE EXPLOSIVELY DETONATED BY FIRE, EXCESSIVE HEAT,IMPACT, ELCTRIC CURRENT , RAPID FREQUENCY ENERGY.

## Physical/Chemical Properties

**HCC:**  
E2

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

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

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
NONE

**Vapor Density:**  
NOT APPLIC

**Volatile Org Content %:**

**Spec Gravity:**  
DOES NOT APPLY

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
DOES NOT APPLY

**Solubility in Water:**  
DOES NOT APPLY

**Appearance and Odor:**  
METALLIC CASES WITH VARIOUS TYPES OF ELECTRICAL CONNECTIONS

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

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
EXCESSIVE HEAT , OPEN FLAMES,IMPACT , ELECTRIC CURRENT AND RAPID FREQUENCY ENEGERY.

**Materials To Avoid:**  
DO NOT ATTEMPT TO OPEN OR REMOVE THE EXPLOSIVE INTERNAL COMPONENTS.

**Hazardous Decomposition Products:**  
SHARPNEL,OXIDES OF METAL FUELS,IE:LEAD,TITANIUM,ZIRCONIUM, NITROGEN

**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