

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-101/10108-64-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
10108-64-2  
**Code:**  
M

**RTECS:**  
EV0175000  
**Code:**  
M 2

**Name:**  
CADMIUM CHLORIDE (SARA III)

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
0.2 MG (CD)/M3 DUST  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
0.01 MG(CD)/M3; 9394  
**Code:**  
M

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

## Control Measures

**Respiratory Protection:**  
N/A

**Ventilation:**  
N/A

**Protective Gloves:**  
DISPOSABLE COTTON GLOVES RECOMMENDED.

**Eye Protection:**  
N/A

**Other Protective Equipment:**  
Equipment N/A

**Work Hygienic Practices:**  
WASH HANDS AFTER HANDLING FILM FOLLOWING EXPOSURE TO FILM PROCESSING SOLUTIONS.

**Supplemental Safety and Health:**  
SOLUBILITY:ESSENTIALLY INSOLUBLE, EXCEPT FOR CADMIUM SALTS & OTHER TRACE COMPONENTS IN GELATIN MATRIX.

## Health Hazards Data

**LD50LC50Mixture:**  
UNKNOWN

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

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
YES

**IARC:**  
YES

**OSHA:**  
YES

**Health Hazards Acute And Chronic:**  
THIS PRODUCT CONTAINS SMALL AMTS OF A CADMIUM SALT & MAY CAUSE LOCALIZED IRRITATION.

**Explanation Of Carcinogenicity:**  
PER MSDS:CADMIUM HAS BEEN DETERMINED TO BE CARCINOGEN BASED ON SUBCUTANEOUS ANIMANL LAB STUDIES, NTP/OSHA:NO, IARC:YES.

**Signs And Symptions Of Overexposure:**  
NONE KNOWN.

**Medical Cond Aggravated By Exposure:**  
NONE KNOWN.

**First Aid:**  
REMOVE FROM SOURCE OF EXPOSURE. WASH AFFECTED AREAS THOROUGHLY. IF IRRITATION OR OTHER CONDITIONS PERSIST CONSULT PHYSICIAN.

**Spill Release Procedures:**  
DISPOSE OF MATERIALS AS NOTED IN WASTE DISPOSAL METHOD. UNEXPOSED FILM MAY BE REPACKAGED FOR FUTURE USE.

**Neutralizing Agent:**  
NONE SPECIFIED BY MFG.

**Waste Disposal Methods:**  
DISPOSAL OF FILM AND FILM PROCESSING SOLUTIONS SHOULD BE MADE IN CONFORMANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE IN COOL, DRY PLACE, AWAY FROM HEAT, RADIATION OR LIGHT SOURCES.

**Other Precautions:**  
CARE SHOULD BE TAKEN TO MINIMIZE EXPOUSRE TO SOLUTIONS IN WHICH THIS PRODUCT HAS BEEN PROCESSED.

## 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:**  
N/A

**Upper Limits:**  
N/A

**Extinguishing Media:**  
WATER MIST, ALCOHOL FOAM, CO2, DRY CHEMICAL.

**Fire Fighting Procedures:**  
AVOID BREATHING COMBUSTIBLE FUMES.

**Unusual Fire/Explosion Hazard:**  
NONE KNOWN.

## Physical/Chemical Properties

**HCC:**  
N1

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

**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/K 4

**Vapor Pres:**  
NEGLEGIBLE

**Vapor Density:**  
NEGLEGIBLE

**Volatile Org Content %:**

**Spec Gravity:**  
N/A

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/A

**Evaporation Rate & Reference:**  
NEGLEGIBLE, (N-BUTYL ACET)

**Solubility in Water:**  
INSOLUBLE (SUPPLEM)

**Appearance and Odor:**  
GREY EMULSION COATED FILM WITH NO DISTINGUISHING ODOR.

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

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
AVOID EXPOUSRE TO HEAT, LIGHT &OTHER RADIATION SOURCES EXCEPT AS NECESSARY TO PROCESS.

**Materials To Avoid:**  
DO NTO IMMERSE IN WATER OR CHEMICALS PRIOR TO PROCESSING.

**Hazardous Decomposition Products:**  
NONE SPECIFIED BY MFG.

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
NOT APPLICABLE

## 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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