

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-250/25038-59-9.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

25038-59-9

Code:

M

RTECS:**Code:**

X

Name:

POLY(ETHYLENE TEREPHTHALATE)

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NOT REQUIRED UNDER NORMAL USE.

Ventilation:

PROVIDE ADEQUATE VENTILATION TO MAINTAIN A WELL-VENTILATED WORK AREA.

Protective Gloves:

NONE REQUIRED UNDER NORMAL USE.

Eye Protection:

6 NONE REQUIRED UNDER NORMAL USE.

Other Protective Equipment:

Equipment EYE-WASH STATION.

Work Hygienic Practices:

WASH AFTER HANDLING ANY FILM RESIDUE AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health:

NITRILE RUBBER GLOVES ARE RECOMMENDED TO AVOID SKIN CONTACT WITH ANY FILM RESIDUE IN THERMAL PROCESSOR. PROLONGED OVEREXPOSURE TO MERCURY CAN CAUSE KIDNEY, LIVER, LUNG, NERVOUS SYSTEM AND REPRODUCTIVE SYSTEM DAMAGE. SIGNS AND SYMPTOMS OF OVEREXPOSURE MAY INCLUDE HEADACHE, TREMORS, IMPAIRED MEMORY, CHILLS, NAUSEA.

Health Hazards Data

LD50/LC50 Mixture:

ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

EYES: VAPORS OR DUST GENERATED DURING PROCESSING MAY CAUSE MILD IRRITATION. SKIN: REPEATED CONTACT WITH DUST GENERATED DURING PROCESSING MAY CAUSE IRRITATION AND ALLERGIC REACTIONS. INHALATION: VAPORS OR DUST GENERATED MAY CAUSE RESPIRATORY IRRITATION. INGESTION: INGESTION OF PAPER MAY CAUSE DIGESTIVE SYSTEM IRRITATION.

Explanation Of Carcinogenicity:

N/P

Signs And Symptoms Of Overexposure:

EYES: IRRITATION. SKIN: IRRITATION, ALLERGIC REACTION. INHALATION: RESPIRATORY TRACT IRRITATION. INGESTION: DIGESTIVE TRACT IRRITATION, NAUSEA, VOMITING, DIARRHEA.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. SKIN: WASH AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR. INGESTION: NONE NORMALLY REQUIRED.

Spill Release Procedures:

SWEEP UP OR VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

RECLAMATION OF SILVER AND MERCURY BY A PERMITTED RECOVERY FACILITY IS PREFERRED. DISPOSAL METHOD MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

5 STORE IN COOL, DRY AND WELL VENTILATED AREA. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME, AND OTHER SOURCES OF IGNITION.

Other Precautions:

MAINTAIN REGULAR CLEANING OF IMAGING EQUIPMENT BY AN AUTHORIZED SERVICE TECHNICIAN. PROCESS FILM IN A VENTILATED AREA.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NOT APPLICABLE

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

USE WATER, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:

FOR FIRE INVOLVING SIGNIFICANT AMOUNTS OF THIS FILM, WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:

NO UNUSUAL FIRE OR EXPLOSION HAZARDS ARE ANTICIPATED.

Physical/Chemical Properties

HCC:

N1

NRC/State IC No:

N/R

Net Prop WT For Ammo:**Boiling Point:**

UNKNOWN

B.P. Text:

UNKNOWN

Melt/Freeze Pt:

UNKNOWN

Decomp Temp:

UNKNOWN

Decomp Temp:

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatile Org Content %:

UNKNOWN

Spec Gravity:

UNKNOWN

PH:

N/K

VOC Grams/liter:**Viscosity:**

N/P

Evaporation Rate & Reference:

UNKNOWN

Solubility in Water:

SLIGHTLY

Appearance and Odor:

TRANSPARENT FILM, BLUE TINT, ESSENTIALLY ODORLESS.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

EXPOSURE TO LIGHT, ELEVATED TEMPERATURES, OR HIGH HUMIDITY PRIOR TO DEVELOPMENT.

Materials To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:

HYDROCARBONS, SILVER OXIDE, AND TRACE LEVELS OF MERCURY OXIDES AND HYDROGEN BROMIDE.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

WILL NOT OCCUR.

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

Other Information:

N/P