

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-250/25038-81-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

25038-81-7

Code:

T

RTECS:**Code:**

X

Name:

POLYIMIDE POLYMER

Other REC Limits:

N/P 3

OSHA PEL:

N/P

Code:**OSHA STEL:**

N/P

Code:**ACGIH TLV:**

N/P

Code:**ACGIH STEL:**

N/P

Code:

Control Measures

Respiratory Protection:

NOT NEEDED FOR NORMAL USE.

Ventilation:

5 FOR SMALL QUANTITIES: USE NORMAL AIR CIRCULATION IN CASE OF OVERHEATING. VENTILATION AT HIGHER TEMPS WILL DEPEND ON FILM QUANTITY/TEMPERATURE & EXPOSURE TIME.

Protective Gloves:

RECOMMENDED

Eye Protection:

SAFETY GLASSES RECOMMENDED

Other Protective Equipment:

Equipment NOT NEEDED FOR NORMAL USE.

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:

KAPTON WILL BURN IN AN ATMOSPHERE OF 100% OXYGEN. THE PROCESSING OF POLYIMIDE FILMS CAN CAUSE THE GENERATION OF STATIC CHARGE. PRECAUTIONS FOR STATIC CHARGES SHOULD BE TAKEN WHEN REMOVING PLASTIC FILM S USED AS PROTECTIVE PACKAGING FOR KAPTON.

Health Hazards Data

LD50/LC50/Mixture:

N/P

Route Of Entry Inds - Inhalation:

N/P

Skin:

N/P

Ingestion:

N/P

Carcinogenicity Inds - NTP:

N/P

IARC:

YES

OSHA:

N/P

Health Hazards Acute And Chronic:

INHALATION: EXPOSURE TO ALUMINA/CARBON BLACK ENCAPSULATED IN THE POLYMER IS NOT LIKELY. SKIN: DUPONT RECOMMENDS TREATING POLYMER DUST AS A NUISANCE PARTICULATE. SKIN/EYES: NOT A PROBABLE ROUTE OF EXPOSURE FOR FILM.

Explanation Of Carcinogenicity:

THE FOLLOWING COMPONENTS ARE LISTED BY IARC, NTP, OSHA/ACGIH AS CARCINOGENS: CARBON BLACK.

Signs And Symptoms Of Overexposure:

N/P

Medical Cond Aggravated By Exposure:

N/P

First Aid:

SKIN: WASH W/SOAP & WATER AFTER HANDLING. EYES: FLUSH W/WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

REVIEW FIRE FIGHTING MEASURES & HANDLING SECTIONS BEFORE PROCEEDING W/CLEAN-UP. USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT DURING CLEAN-UP. PICK UP TO PREVENT SLIPPING HAZARD. 4

Neutralizing Agent:

N/P

Waste Disposal Methods:

LANDFILL/INCINERATE/DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE AWAY FROM FLAMMABLE MATERIALS.

Other Precautions:

N/P

Fire and Explosion Hazard Information

Flash Point Method:**Flash Point:****Flash Point Text:**

N/P

Autoignition Temp:**Autoignition Temp Text:**

N/P

Lower Limits:**Upper Limits:****Extinguishing Media:**

WATER, FOAM, DRY CHEMICAL, CO₂

Fire Fighting Procedures:

NONE REQUIRED.

Unusual Fire/Explosion Hazard:

THE FLAMMABILITY CHARACTERISTIC OF POLYIMIDE FILM IS REPORTED AS SELF EXTINGUISHING.

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:**

N/P

Boiling Point:**B.P. Text:**

N/P

Melt/ Freeze Pt:**M.P./F.P. Text:**

NONE

Decomp Temp:**Decomp Text:**

N/P

Vapor Pres:

N/P

Vapor Density:

N/P

Volatile Org Content %:**Volatile Org Content % Text:**

N/P

Spec Gravity:

>1.4

VOC Pounds/Gallon:**VOC Pounds/Gallon Text:**

N/P

PH:

N/P

VOC Grams/Liter:**VOC Grams/Liter Text:**

N/P

Nuiscosity:

N/P

Viscosity:

N/P

Evaporation Rate & Reference:

N/P

Solubility in Water:**INSOLUBLE IN WATER:****Appearance and Odor:**

LIGHT AMBER TRANSPARENT FILM W/NO ODOR.

Percent Volatiles by Volume:

1%

Corrosion Rate:

N/P

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

STATIC CHARGES, TEMPERATURES ABOVE 752F.

Materials To Avoid:

NONE

Hazardous Decomposition Products:

CO, CO₂

Hazardous Polymerization Indicator:

N/P

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

Other Information:

N/P