

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:

ACGIHSTEL:
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

LD50LC50Mixture:
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 EXPO SURE FOR FILM.

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

Signs And Symptions 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:

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 %:

Spec Gravity:
>1.4

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P 6

Evaporation Rate & Reference:
N/P

Solubility in Water:
INSOLUBLE

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

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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