

MATERIAL SAFETY DATA SHEET

MYLAR® POLYESTER

EFFECTIVE DATE	February 2, 1993
REVISED DATE	September 13, 2011
TRADE NAME	Mylar
CHEMICAL FAMILY	
CHEMICAL FORMULA	Polyethylene Terephthalate
SECTION II - HAZARDOUS INGREDIENTS	
HAZARDOUS COMPONENTS	None
SECTION III - PHYSICAL DATA	
BOILING POINT (F)	
FREEZING POINT (F)	
VOLATILITY / VOLUME (%)	N/A
MELTING POINT	>235° C (>455° F)
VAPOR PRESSURE (mmHg)	
VAPOR DENSITY (Air=1)	
SOLUBILITY IN H2O	Negligible
APPEARANCE / ODOR	Clear Transparent film, No Odor, Clear in Color
SPECIFIC GRAVITY (H2O=1)	N/A
ACIDITY	
SECTION IV- FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT	
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	
UNUSUAL FIRE HAZARD	
SECTION V- HEALTH HAZARD DATA	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	
SECTION VI - REACTIVITY DATA	
CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	Strong acids and bases may hydrolyze the film



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SECTION VI - REACTIVITY DATA - CONTINUED

INCOMPATIBLE MATERIALS	None reasonably foreseeable
DECOMPOSITION PRODUCTS	Hazardous gases / vapors produced are carbon monoxide and hydrocarbon oxidation products including organic acids, aldehydes and alcohols
HAZARDOUS POLYMERIZATIONS	Will not occur
POLYMERIZATION AVOID	

SECTION VII - SPILL OR LEAK PROCEDURE

FOR SPILL	
WASTE DISPOSAL METHOD	Recycling, incineration with energy recovery and landfill

SPECIAL VIII - SPECIAL PROTECTION

RESPIRATORY PROTECTION	Not Required
VENTILATION	

PROTECTIVE GLOVES	Wear gloves when handling hot film
EYE PROTECTION	Safety Glasses
OTHER PROTECTIVE EQUIPMENT	
HANDLING AND STORAGE	Avoid breathing vapors / fumes produced during processing. Store in a cool / dry place.

SECTION IX - SPECIAL PRECAUTIONS

HAZARD CLASS	
DOT SHIPPING NAME	
REPORTABLE QUANTITY (RQ)	
UN NUMBER NA#	
NA#	
PACKAGING SIZE	

Notes:

All information recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. It is the user's responsibility to determine the Safety, Toxicity and suitability of his/her own use, handling and disposal request. Since actual use by others is beyond our control, no warranty, expresses or implied, is made by Polymer Plastics Company L.C. as to effects of such use. The results to be obtained or the safety and toxicity of the product,, nor does Polymer Plastics Company L.C. assume any liability arising out of use by others of the product referred to herein. The data in this MSDS relate only to the specific material designated herein and do not relate to use in combination with any other material or in any other process.

REFERENCES: N/A = Not Applicable, N/D = Not Determined, N.D.A. = No Date Available



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