

# MATERIAL SAFETY DATA SHEET

## POLYESTER FILMS

EFFECTIVE DATE	February 2, 1993
REVISED DATE	September 13, 2011
TRADE NAME	Polyester Films
CHEMICAL FAMILY	
CHEMICAL FORMULA	Polyethylene Terephthalate
<b>SECTION II - HAZARDOUS INGREDIENTS</b>	
HAZARDOUS COMPONENTS	None
<b>SECTION III - PHYSICAL DATA</b>	
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	
<b>SECTION IV- FIRE AND EXPLOSION HAZARD DATA</b>	
FLASH POINT	
LOWER FLAME POINT	
HIGHER FLAME POINT	
EXTINGUISH MEDIA FOR FIRE	
UNUSUAL FIRE HAZARD	
<b>SECTION V- HEALTH HAZARD DATA</b>	
HEALTH HAZARD	
THRESHOLD LIMIT VALUE OVER EXPOSURE EFFECTS	
<b>SECTION VI - REACTIVITY DATA</b>	
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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