

# MATERIAL SAFETY DATA SHEET

AccuFax® Document Carrier  
099DC

**PM Company**

1500 Kemper Meadow Drive  
Cincinnati, OH 45240-1638

Phanex® Polyester Film, Hostaphan® Polyester Film  
Chemical name: Poly (ethylene terephthalate)  
Chemical family: Polyester  
CAS number: 25038-59-9

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**SECTION #1 — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Names)	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
No hazardous ingredients as defined under the OSHA hazard communication standard, 29crf1910, 1200 or S.A.R.A. Title III, section 313. This material is considered an article under OSHA TSCA standards.				

**SECTION #2 — Physical/Chemical Characteristics**

Boiling Point/Freezing Point		Specific Gravity (H <sub>2</sub> O=1)	1.4
Vapor Pressure (mm Hg)		Melting Point	255-260°C
Vapor Density (AIR=1)		Evaporation Rate (Butyl Acetate=1)	
Solubility in Water:			
Appearance and Odor: Clear Film, odorless			
Low levels of acetaldehyde are present in the film which could be released on heating at elevated temperatures for long time periods. OSHA standard: 100 ppm			

**SECTION #3 — Fire and Explosion Hazard Data**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Extinguishing Media:	Carbon dioxide water spray, or foam or dry chemical		
Special Fire Fighting Procedures:	Wear self-contained breathing apparatus and complete personal protective equipment when potential for exposure to products or combustion exists.		
Unusual Fire and Explosion Hazards: The film will burn if exposed to flame. Emits acetaldehyde, carbon dioxide and carbon monoxide under fire conditions. The exact composition of decomposition products will depend on the conditions of combustion.			

N/A = Not Applicable/Not Available

N/D = Not Determined

**SECTION #4 — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable X		
Incompatibility (Materials to Avoid)			
Hazardous Decomposition or Byproducts		At 300°C and above, the main decomposition products are acetaldehyde, carbon dioxide and carbon monoxide.	
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur		

**SECTION #5 - Health Hazard Data**

Route(s) of Entry:	Inhalation? N/A	Skin? Non-irritating	Ingestion? Non-Toxic
Health Hazards (Acute and Chronic) No adverse health effects have been attributed to polyester film.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
Signs and Symptoms of Exposure			
Medical Conditions Generally Aggravated by Exposure			
Emergency and First Aid Procedures			

**SECTION #6 - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled
Waste Disposal Method Polyester film is a non-hazardous solid waste material and is not regulated by the Resource Conservation Recovery Act. Dispose of or incinerate in accordance with local regulations.
Precautions to Be Taken in Handling and Storing Unwinding, winding and passage of poly(ethylene terephthalate) film through and over rollers will tend to generate a strong electrostatic charge on the web. Static discharge devices should be properly positioned at such points to eliminate the charge and to prevent uncontrolled discharge from the web. This is particularly required in potentially explosive atmospheres and to protect personnel from the effect of a static discharge. Certain antistat grades are available.
Other Precautions

**SECTION #7 - Control Measures**

Respiratory Protection (Specify Type)			
Ventilation	Local Exhaust	Special: If the film could be subjected to conditions releasing acetaldehyde, then adequate ventilation should be used to stay below the TLV, or self-contained breathing apparatus should be used.	
	Mechanical (General)	Other	
Protective Gloves		Eye Protection	
Other Protective Clothing or Equipment None required under normal conditions of use.			
Work/Hygienic Practices			

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