

MATERIAL SAFETY DATA SHEET

Accuply®



Accurate Plastics, Inc.
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Section 1. Chemical Product and Company Identification

<i>Product name</i> Accuply®	<i>Trade Name</i> Release Film
<i>Product Description</i> Modified PET film process treated to resist adhesion	
<i>Manufacturer</i> Accurate Plastics, Inc. 18 Morris Place Yonkers, NY 10705-1929	<i>IN CASE OF EMERGENCY:</i> Tel: 914-476-0700 Chemtrec:
<i>Date of Preparation:</i> 4/22/2015	<i>Replaces:</i> 12/14/13
<i>Preparers Name</i> KJ Soltys	

Section 2. Hazards Identification

As received this product is not classified as hazardous by OSHA. Fumes generated during processing of this product are classified as hazardous according to OSHA standards.



CAUTION!

High temperatures encountered during molding operations using Accuply Film can produce fumes that are toxic and irritating to the eyes and respiratory track.

GHS Classification of Film at Ambient Conditions

Inhalation	Not Classified
Skin	Not Classified
Eyes	Not Classified
Ingestion	Not Classified
Cancer	Not Classified
Chronic	Not Classified

Hazard Statements for Fumes and Molten Film

Fumes can Cause eye irritation	H 320
Molten film can be Harmful in contact with skin	H312
Fumes May be harmful if inhaled	H 333

Precautionary Statements for Fumes and Molten Film

Avoid Contact of fumes and molten film with eyes	EU P-262
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Avoid contact of hot and/or molten film with skin	EU P-262
Avoid inhalation of fumes generated by hot film	EU P-260

Section 3. Composition, Information on Ingredients

<i>Component Information</i>	
<i>Chemical Name</i>	<i>CAS #</i>
Polyethylene Terphthalate	25038-59-9

Section 4. First Aid Measures

Eyes	Flush the eyes with large amounts of water for at least 15 minutes in the event of contact with fumes or molten film.
Skin	Immediately cool the area of skin exposed to hot or molten film with copious amounts of water. Do not attempt to remove material from skin. Obtain medical treatment for thermal burn.
Inhalation	Immediately move the exposed person to fresh air. If not breathing give artificial respiration and get immediate medical attention.
Ingestion	Not Applicable

Section 5. Fire Fighting Measures

Flash Point	N/D
Flammability Classification OSHA/NFPA	Flash Pt. <00°F Class: Solid
Extinguishing Media	Carbon dioxide, water, foam.
Unusual Fire and Explosions Hazards	Isolate fire area and deny unnecessary entry. Fire fighters should wear positive-pressure self-contained breathing apparatus (SCBA) and protective clothing. Heat from fire can generate decomposition products that may cause a health hazard.

Section 6. Accidental Release Measures

Small and Large Spills	Not Applicable
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Section 7. Handling & Storage

<p style="text-align: center;"><u>Handling (Personnel)</u></p> <p>Do not breathe vapors or fumes that may be evolved during processing. Avoid skin contact with sharp film edges.</p> <p style="text-align: center;"><u>Handling (Physical Aspects)</u></p> <p>Rolls of film may telescope. Use caution when handling. Rolled film should be stored at intended processing temperature for approximately 24 hours prior to use. Plastic packaging materials can pick up static charge. Polyester film rolls packaged with shrink wrap (or other plastic overwrap) should be opened or unwrapped only in non-process areas where ignition sources such as solvents are not in use or in storage.</p> <p style="text-align: center;"><u>Storage</u></p> <p>Store away from heat and sources of ignition. Do not store in direct sunlight. Avoid prolonged storage in high or low temperatures. Recommended storage temperatures are 20 F (-7 C) to 100F (38 C).</p>

Section 8. Exposure Controls/Personal Exposure

Applicable Exposure Limits

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Polyethylene Terephthalate	CAS # Not Listed	PEL (OSHA) None Established	TLV (ACGIH) None Established
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Exposure Controls

Eye Protection	Minimize dust generating activities. Wear safety goggles with side shield or face shield.
Skin Protection	Wear gloves to protect against thermal effects when handling heated material. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
Respiratory Protection	If personal exposure to gases generated in the molding operations cannot be controlled by area ventilation, wear a properly fitted organic vapor respirator approved by NIOSH/MSHA.
Ventilation	General area ventilation is acceptable to control low levels of fumes.
Other Precautions	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Section 9. Physical and Chemical Properties

Appearance and Odor	Clear Plastic, Odorless Film	Specific Gravity (gm/cc)	1.2-1.4
% Volatile Content by Weight	N/A		
Melting Point	500°F (260°C)	Freezing Point (°C)	N/A
Vapor Pressure (mm Hg)	N/A	Solubility in Water	Insoluble

Section 10. Stability and Reactivity

Stability	Stable
Conditions to Avoid	Protect from heat, sparks, flame and possible sources of ignition.
Incompatibility	Avoid contact with strong acids and bases
Hazardous Decomposition Products	Carbon dioxide, carbon monoxide, bromine and other hazardous gases. These gases and other volatiles may be generated under normal processing conditions.
Hazardous Polymerization	Will Not Occur!

Section 11. Toxicological Information (see Section 3. for Exposure Symptoms)

Acute Toxicity			
Component Tested	Oral LD ₅₀ (rat)	Dermal LD ₅₀ (rabbit)	Inhalation LC ₅₀ 4hr (rat)
Polyethylene terephthalate	> 10,000 mg/kg		

Section 12. Ecological Information

Not biodegradable.

Section 13. Disposal Considerations

RCRA: This product, if disposed as shipped, is not considered a hazardous waste as specified in 40 CFR 261. Dispose of in accordance with all applicable federal, state and local regulations. Generation of particulates during machining and fabricating operations may be subject to Federal and State Air Pollution Control Laws.

Section 14. Transportation Information

This product, if offered for shipment, is not regulated by USDOT 49 CFR Parts 171 - 180: Regulation of Hazardous Materials Transportation in Commerce.	
Shipping Information	N/A
Classification	N/A

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Identification	N/A
Packing Group	N/A
Label	N/A
NOT REGULATED AS HAZMAT	

Section 15. Regulatory Information

<i>Regulations Governing Product:</i>			
Inventory Status: United States (TSCA) - All ingredients are on the inventory or exempt from listing.			
SARA TITLE III			
EPCRA 302 EHS Extremely Hazardous Substance Reporting:		N/A	
EPCRA 311/312 Tier II Chemical Inventory Reporting:		N/A	
<i>Regulations Governing Ingredients</i>			
<i>Chemical Name</i>	<i>CAS #/Chemical Category</i>	<i>CERCLA RQ</i>	<i>SARA TITLE III EPCRA 313 RQ</i>

Section 16. Other Information

<u>REFERENCES</u>
CRC Press: Handbook of Chemical and Physical Constants by David R. Lide
Merck & Company: The Merck Index
Sigma-Aldrich Company: Aldrich Handbook of Fine Chemicals
Dictionary of Toxicology by Robert Lewis
US Department of Commerce, Center for Disease Control, National Library of Medicine TOXNET
US Department of Transportation, Research and Special Programs Administration: Hazardous Materials Table, Special Provisions, Hazardous Materials Communications, Emergency Response Information, and Training Requirements

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