



Polyester
Common Name
Color Coded Shim Stock, Thickness Gage, Slotted Shim & Arbor Shims (0.0005" to 0.005" Thick) 42, 44 & 78

Material Safety Data Sheet

Identity (Trade Name As Used On Label) and Product Code

Manufacturer Precision Brand Products Inc.	Phone Number (For Information) 630-969-7200
Address 2250 Curtiss Street Downers Grove IL 60515 USA	Emergency Phone Number Chemtrec 800-424-9300 USA & Canada 202-483-7616 International
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SECTION 1 -- MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS--Chemical Name & Common Names (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Polyethylene terephthalate	100			
Non-Hazardous Ingredients				
TOTAL	100			

SECTION 2 -- PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg and Temperature)	N/A	Melting Point	256° C
Vapor Density (Air = 1)	N/A	Evaporation Rate (= 1)	N/A
Solubility in Water	Insoluble	Water Reactive	N/A
Appearance and Odor	Film, variable color		

SECTION 3 -- FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method Used	N/A	Auto-Ignition Temperature	Flammability Limits in Air % by Volume N/A	LEL N/A	UEL N/A
Extinguisher Media	Water fog, Carbon dioxide, or dry chemical				
Special Fire Fighting Procedures	Self contained breathing apparatus in close proximity of fire.				
Unusual Fire and Explosion Hazards	N/A				

SECTION 4 -- REACTIVITY HAZARD DATA

STABILITY ☒ Stable ☐ Unstable	Conditions To Avoid	
Incompatibility (Materials to Avoid)	None	
Hazardous Decomposition Products	Terephthalic acid, carbon monoxide, and aldehydes above 300° C	
HAZARDOUS POLYMERIZATION ☐ May Occur ☒ Will Not Occur	Conditions To Avoid	

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SECTION 5 -- HEALTH HAZARD DATA			
PRIMARY ROUTES ☒ Inhalation ☐ Ingestion		CARCINOGEN ☐ NTP ☐ OSHA	
OF ENTRY ☐ Skin Absorption ☐ Not Hazardous		LISTED IN ☐ IARC Monograph ☐ Not Listed	
HEALTH	Acute		
HAZARDS	Chronic deposits in eyes, ears, mucus membranes (particulate debris).		
Signs and Symptoms of Exposure			
Medical Conditions Generally Aggravated by Exposure			
EMERGENCY FIRST AID PROCEDURES -- Seek medical assistance for further treatment, observation and support if necessary.			
Eye Contact	N/A		
Skin Contact	N/A		
Inhalation	Suggest 10 mg/m ³ for inert or nuisance particulate. 1977 ACGIH TLV. When debris generated during fabrication.		
Ingestion	Biologically inert.		

SECTION 6 -- CONTROL AND PROTECTIVE MEASURES			
Respiratory Protection (Specify Type)	MESA-NIOSH approved for nuisance particulate for dust generation.		
Protective Gloves	Work gloves to avoid cuts.	Eye Protection	Safety glassed side shields .
VENTILATION TO BE USED	☒ Local Exhaust When creating dust.	☒ Mechanical (general) General dilution.	☒ Special Maintain area below TLV.
Other Protective Clothing and Equipment	Some debris formed when fabricating. Wear goggles and ventilate .		
Hygienic Work Practices			

SECTION 7-- PRECAUTIONS FOR SAFE HANDLING & USE/LEAK PROCEDURES	
Steps to be Taken if Material Is Spilled Or Released	Gather up and place in container.
Waste Disposal Methods	Sanitary landfill or high temperature incineration and afterburner in accordance with local, state, and federal pollution regulations.
Precautions to be Taken in Handling and Storage	Movement of film over metal will produce surface electrical charges. These should be reduced or eliminated since they provide a source of ignition for flammable vapors or gasses that may be present.
Other Precautions and/or Special Hazards	Film is resistant to initiation of tearing; hence normal safeguard is for operator to carry a sharp knife to initiate a cut.

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