

MATERIAL SAFETY DATA SHEET

Black Monochrome Ribbons

00081, 00082, 00083, 00084, 00085, 00086, 00087, 00088, 00089, 00092, 00093, 00094, 00095, 00096, 00097, 00098

PM Company

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SECTION #1 — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Names)	OSHA PEL	ACGIH TLV	Other Limits Recommended	%
These products are articles as defined by OSHA 29 CFR 1910.1200, Canadian WHMIS and the EC Directives. While they may contain ingredients that meet the definition of hazardous in their pure form, these ingredients are not released under normal conditions of use.				

SECTION #2 — Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity	(H ₂ O=1) - <1
Vapor Pressure (mm Hg)	N/A	Melting Point 50°C	50°C
Vapor Density (AIR=1)	N/A	Evaporation Rate	N/A
Solubility in Water: Negligible			
Appearance and Odor: Black Solid Film, Odorless			

SECTION #3 — Fire and Explosion Hazard Data

Flash Point (Method Used) 485° F Cleveland Open Cup	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media:	CO ₂ , Foam, Dry chemicals		
Special Fire Fighting Procedures:	Firefighters should wear proper protective equipment and self contained breathing apparatus with full facepiece operated in positive-pressure mode.		
Unusual Fire and Explosion Hazards: Gives off thick black smoke when burning.			

N/A = Not Applicable/Not Available

SECTION #4 — Reactivity Data

Stability	Unstable	Conditions to Avoid Heat, Flame, other sources of ignition
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	Stable	X	
Incompatibility (Materials to Avoid)		strong acids, bases, and water at high temps.	
Hazardous Decomposition or Byproducts		Acetaldehyde, Acrolein, Aldehydes, Carbon Dioxide, Carbon Monoxide, Styrene	
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

SECTION #5 - Health Hazard Data

Route(s) of Entry:	Inhalation? Not likely unless heated	Skin? Yes	Ingestion? Not likely
Health Hazards (Acute and Chronic) None known to PM Company.			
Carcinogenicity: None known to PM Company.	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure High concentrations of decomposition fumes may cause eye, nose and respiratory irritation. Prolonged inhalation of these fumes may cause dizziness, headache, and nausea.			
Medical Conditions Generally Aggravated by Exposure None known to PM Company.			
Emergency and First Aid Procedures Inhalation: Move to fresh air. If necessary, get medical attention. Skin Contact: Wash with soap & water.			

SECTION #6 - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled Pick up to prevent a slipping hazard.
Waste Disposal Method Disposed of in accordance with federal, state and local regulations.
Precautions to Be Taken in Handling and Storing Store at room temperature in a dry area.
Other Precautions Film can pick up strong static charges during processing. Discharge into dust or solvent laden air may cause flash fire or explosion.

SECTION #7 - Control Measures

Respiratory Protection (Specify Type) Adequate ventilation should be sufficient.		
Ventilation N/A	Local Exhaust If temp. exceeds 120° F	Special N/A
	Mechanical (General) Provide adequate ventilation	Other N/A
Protective Gloves Not Required	Eye Protection Not Required	
Other Protective Clothing or Equipment None Required		
Work/Hygienic Practices Follow normal hygiene practice. Wash hands after handling papers and before eating or drinking food and beverages.		

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PM COMPANY