

EPSON

EPSON AMERICA, INC.

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DATE: September 22, 1992**TO:** Our Customers**FROM:** Dean Sueda
Manager, Import-Export
Epson America Inc.**PHONE:** (310) 782-4090**FAX:** (310) 782-4103**SUBJECT:** Material Safety Data Sheet (MSDS) Forms

Please find enclosed the MSDS form which applies for the following ribbons:

8750	7753	8763	8766
8755	7754	7762L	

If you should require additional information, please feel free to contact me.

Sincerely,



Dean Sueda

Material Safety Data Sheet

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IDENTITY		FABRIC RIBBON	
SECTION I			
<u>Manufacturer's Name</u> PARANA SUPPLIES CORP.		<u>Emergency Telephone Number</u> (USA) 915-593-0050	
<u>Address</u> 1150 Pellicano Drive, Elpaso, Texas, USA		<u>Telephone Number for Information</u> (USA) 915-593-0050	
<u>Signature of Preparer</u>		<u>Data Prepared</u> MARCH 22, 1990	
SECTION II - Hazardous Ingredients/Identity Information			
<u>Hazardous Components</u>		<u>OSHA PEL</u>	<u>AVG IH TLV</u> <u>Other Limits</u>
<u>Ingredients</u>	<u>CAS No.</u>		
Patty Acid	112-80-1		
Mineral Oil	8042-47-5		
Carbon Black	1333-86-4	3.5 mg/m ³	
Solvent Black	8005-02-5		
Coloring Material	8004-87-3		
Surface Active Agent	70024-57-6		
There chemicals are listed in the "TSCA Inventory list".			
SECTION III - Physical/Chemical Characteristics			
<u>Boiling Point</u> Above 180°C		<u>Specific Gravity</u> 0.98	
<u>Vapor Pressure</u> N/A		<u>Melting Point</u> N/A	
<u>Vapor Density</u> N/A		<u>Evaporation Rate</u> N/A	
<u>Solubility in Water</u> None			
<u>Appearance and Odor</u> black ink			
SECTION IV - Fire and Explosion Hazard Data			
<u>Flash Point</u> Above 190°C	<u>Flammable Limits</u>	<u>LEL</u> N/A	<u>UEL</u> N/A
<u>Extinguishing Media</u> Water mist, Foam, Dry powder, CO ₂ gas, others			
<u>Special Fire Fighting Procedures</u> N/A			
<u>Unusual Fire and Explosion Hazards</u> No explosion (at room temperature and pressure)			

Material Safety Data Sheet

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SECTION V - Reactivity Data			
stability	Unstable		Condition to Avoid
	Stable	X	
Incompatibility (Material to Avoid)			
None			
Hazardous Decomposition or Byproducts			
None			
Hazardous Polymerization	May Occur		Condition to Avoid
	Will Not Occur	X	
SECTION VI - Health Hazard Data			
Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	No	Yes	yes
Health Hazards (Acute and Chronic)			
There are no health hazards under normal condition.			
Ames test results : Negative.			
Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No
Signs and Symptoms of Exposure			
None under use condition			
Medical Conditions			
Generally Aggravated by Exposure		Will not occur	
Emergency and First Aid Procedures			
Wash away with soap and water on ink sticking skin.			
If ink has contacted eye, wash it with enough water.			
SECTION VII - Precautions for Safe Handling and Use			
Steps to Be Taken in Case Material is Released or Spilled			
N/A			
Waste Disposal Method			
Used Ink should be disposed of in environmentally safe manner and in accordance with governmental regulations.			
Precautions to Be Taken in Handling and Storing			
Store in cool, dry and dark place			
Other Precautions			
None			
SECTION VIII - Control Measures			
Respiratory Protection (Specify Type)		None	
Ventilation	Local Exhaust	None	
	Special	None	
	Mechanical (General)	Adequate Ventilation	
	Other	None	
Protective Gloves		Eye Protection	
Need		Need	
Other Protective Clothing or Equipment		None	
Work/Hygiene Practices		None	