

MATERIAL SAFETY DATA SHEET**BASE
LINE.**

Graphic Arts Products

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1-800-451-8346Date Prepared: November 12, 1996
Updated February 17, 1997**Section 1 PRODUCT IDENTITY****Label Name:** Electrostatic Image Remover # 7001 or # 7003 or # 7004 or # 7005
Chemical Family: Aliphatic organic chemicals
Formula Number:**Section 2 HAZARDOUS INGREDIENTS**

<u>Components</u>		<u>CAS Number</u>	<u>TLV</u>
Ethyl Alcohol 1	40 %	64-17-5	ACGIH 1900 ppm
Isopropyl 1 Alcohol	15 %	67-63-0	ACGIH 980 ppm
Stannic Chloride	20 %	7772-99-8	ACGIH 2000 mg/kg
Methanol	9 %	67-56-1	ACGIH 260 ppm
Activators	7 %		

Section 3 PHYSICAL & CHEMICAL PROPERTIES

Boiling Point:	180 ° F (82 ° C)	Specific Gravity:	0.7
Vapor Pressure:	32 mmHg	Percent Volatile:	85 %
Solubility in water:	100 %		
Appearance and Odor:	Liquid, transparent, fragrant odor		

Section 4 FIRE & EXPLOSIVE HAZARD DATA

Flash Point:	75 ° F (24 ° C)	
Flammability Limits:	Upper: 12 %	Lower: 2.0 %
Extinguishing Media:	Carbon dioxide or powder extinguisher	
Special Fire Fighting Procedure:	Extinguish by carbon dioxide or powder extinguisher.	
Unusual fire and explosive hazards and physical hazards:	No unusual fire and explosive hazard due to small contents of fluid.	

Section 5 REACTIVE DATA

Stability:	Stable
Conditions to avoid:	Do not mix with alkaline.
Incompatibility:	Reacts to alkaline.
Hazardous decomposition products:	Acid contained rusts metal.
Hazardous polymerization:	N/A

Section 6 HEALTH EFFECTS OF EXPOSURE

Eyes:	Flush with plenty of water and seek medical help.
Skin:	Wash thoroughly with soap and water.
Ingestion:	Vomit and seek medical help.
Inhalation:	In case of inhalation, remove the affected person to fresh air and keep at rest. If any symptoms persist seek medical attention.

Health Hazard Data

Primary Routes of Entry: Stated in MSDS
Published Exposure Limits: Stated in MSDS
Listed as Carcinogen: No
Effects of Overexposure: In case of skin contact, wash with soap and water at once. If contacted on the clothing, remove immediately.

Emergency and First Aid Procedures

If product contacts skin wash with soap and water. Eyes-flush with water 15 minutes. If eye contact occurs, seek medical treatment. For inhalation-recap pen and seek fresh air.

Section 7 SPILL OR LEAK PROCEDURES**Steps to be taken in case the material is released or spilled:**

Avoid direct contact with skin and breathing vapor. Wipe off with cloth or absorbent material and place into an airtight container. Adequate respirator and chemical resistant gloves are recommended.

Section 8 RECOMMENDED CONTROL MEASURES

Respiration Protection: Normally not required due to small contents of fluid.
Ventilation: Well-ventilated area required
Protective Gloves: Yes
Eye Protection: Safety glasses
Other Protective Equipment: Clothing suitable to avoid skin contact.

Section 9 SPECIAL PRECAUTIONS

Precautions to be taken in handling or storage: Use in well ventilated area
 Keep from heat and open flame.
 Keep from small children.
 Do not open back plug of pen.
 Keep pen capped when not in use.
 In case of skin contact, wash off with water.

Section 10 TRANSPORTATION DATA

VOC: = N/A
SARA: = N/A
 Do not throw or drop from 1m high or more.
 Do not store above 104 °F (40 °C.)

Section 11 PRECAUTIONARY LABELING

HMIS RATING:

Health	2
Flammability	3
Reactivity	1
Personal Protection	E

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