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MATERIAL SAFETY DATA SHEET

IN CASE OF TRANSPORTATION EMERGENCY (Spill, Leak, Fire, Exposure, Accident)
Call CHEMTREC 1-800-424-9300 (24 Hour)

SECTION 1: IDENTIFICATION

Name: IMAGE REMOVER PEN - ELECTROSTATIC Broad Tip

Revision 10/29/1996

Product Number 6024020002

Size Broad point felt tip pen.

Formula: Aqueous Mixture

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
64-17-5	Ethyl alcohol	n/d 0
7646-78-8	TIN TETRACHLORIDE, ANHYDROUS	n/d 0
7647-01-0	HYDROCHLORIC ACID	n/d 0
7732-18-5	WATER	n/d 0
9004-67-5	METHYL CELLULOSE	n/d 0

<u>EXPOSURE LIMITS</u>	<u>OSHA</u>		<u>ACGIH</u>		<u>CANADA</u>	
	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>
Ethyl alcohol	1000 ppm	None	1000 ppm	None	1000 ppm	1250 ppm
TIN TETRACHLORIDE, ANHYDROUS	None	None	None	None	None	None
HYDROCHLORIC ACID	None	None	None	None	None	None
WATER	None	None	None	None	None	None
METHYL CELLULOSE	None	None	None	None	None	None

Source of Exposure Limit Data:

OSHA: Occupational Safety and Health Administration

ACGIH: American Conference of Governmental Industrial Hygienists

CANADA: Province of Alberta's Occupational and Health and Safety Act.

ADDITIONAL EXPOSURE INFORMATION

<u>CAS. NUMBER</u>	<u>SKIN DESIGNATION *</u>			<u>CARCINOGENS</u>			<u>PRIMARY HAZARD</u>	<u>IDLH (ppm)</u>
	<u>OSHA</u>	<u>ACGIH</u>	<u>CANADA</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>		
64-17-5	No	No	No	No	No	No	Not classified	3300
7646-78-8	No	No	No	No	No	No		Unknown
7647-01-0	No	No	No	No	No	No	Not classified	50
7732-18-5	No	No	No	No	No	No	Not classified	None
9004-67-5	No	No	No	No	No	No		Unknown

* For substances designated as a 'Skin' hazard, protective measures are recommended to prevent or reduce skin absorption. These measures may include the use of gloves, aprons, goggles or other equipment, as well as engineering controls or work practices.

Hazard information is for chemical contents of pen only.

SECTION 3: HAZARDS IDENTIFICATION

EYES CONTACT:

May cause slight eye irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

SKIN CONTACT:

Contact may cause slight to moderate irritation with redness and drying of the contacted area.

INHALATION:

May cause irritation to nasal mucous membranes and respiratory tract.

INGESTION:

Ingestion of liquid may cause gastrointestinal distress or corrosion to digestive tract.

H.M.I.S. CODES:**HEALTH:****FIRE:****REACTIVITY:****PROTECTION:****SECTION 4: FIRST AID MEASURES****EYE CONTACT:**

Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Contact physician immediately.(preferably an ophthalmologist)

SKIN CONTACT:

Rinse with copious amounts of water and/or wash with soap and water for at least 15 minutes. If irritation occurs, contact physician.

INHALATION:

Remove victims to fresh air, if not breathing, have certified person administer CPR. Contact physician immediately.

INGESTION:**SECTION 5: FIRE FIGHTING MEASURES****Flash point (F) :****FLAMMABILITY LEL-****UEL-****Extinguishing media:****Special fire fighting procedures :****Unusual fire and explosion hazards :****NATIONAL FIRE PROTECTION ASSOC. CODES****HEALTH:****FIRE:****REACTIVITY:****SPECIAL:****SECTION 6: ACCIDENTAL RELEASE MEASURES****SPILL RESPONSE:****SECTION 7: HANDLING AND STORAGE****SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION****SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****Boiling point (C) :****Melting point:****Percent volatile by volume :****Evaporation rate:****Specific gravity (water = 1) :****Appearance :****Volatile Organic Compounds:****Vapor pressure:****Vapor density:****Solubility in water:****pH:****Odor:**

SECTION 10: STABILITY AND REACTIVITY

Stability:

Hazardous polymerization:

Incompatibility (materials to avoid):

Hazardous decomposition products:

SECTION 11: DISPOSAL CONSIDERATIONS**SECTION 12: TRANSPORTATION INFORMATION**

SHIPPING NAME: NOT REGULATED MATERIAL

UN ID-#: N/A

PACKING GROUP:

MAJOR CLASS: N/A

PRIMARY LABEL: N/A

MINOR CLASS: N/A

SECONDARY LABEL: N/A

REMARKS:

* Reference: CFR 49, Table 172.102 (highway)

SECTION 13: REGULATORY INFORMATION

<u>CAS. NUMBER</u>	<u>CERCLA</u>	<u>SARA-EHS</u>	<u>SARA-313</u>	<u>RCRA</u>	<u>CAL-PROP 65</u>	<u>N.J.</u>	<u>FLA.</u>
64-17-5	No	No	No	No	No	Yes	Yes
7646-78-8	No	No	No	No	No	No	No
7647-01-0	Yes	Yes	Yes	No	No	Yes	Yes
7732-18-5	No	No	No	No	No	No	No
9004-67-5	No	No	No	No	No	No	No

* Specific CAS Number references from these regulatory tables:

CERCLA: 40 CFR. Table 302.4

CAL-PROP 65: California Proposition 65, Developmental and Reproductiv

SARA-EHS: 40 CFR. 355 Appendices A B

New Jersey Right to Know

SARA-313: 40 CFR. section 372.65

Florida Right to Know

RCRA: 40 CFR. section 261.3

SECTION 14: OTHER INFORMATION

Comments: None

The data in this Material Safety Data form relates to the specific material designated herein and to the standard use of same in combination with other materials or processes. The hazards covered are believed to be those most likely to occur in the reasonable, contemplated, or ordinary use of these chemicals. No warranty is made or implied in respect of other hazards which may occur as a result of unreasonable, abnormal, or unusual usage, or non-standard application of these materials. The information accumulated herein is believed to be accurate, but GraphLine Inc. expressly denies any warranty to such effect. Customers or recipients are advised to confirm, in advance that the information is current, applicable and suitable to their circumstances. This information is furnished as a service only.