

# GraphLine Inc.<sup>®</sup>

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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: PEN,SILVER MASTER ADD IMAGE

Revision 3/1/2003

Product Number 6024066001

Size Felt tipped writing pen.

Formula: Mixture

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
140-11-4	Benzyl Acetate	29- 30
67-64-1	ACETONE	19- 20
9003-35-4	Cresol Resin	29- 30
dyestuff	Dyestuff	14- 15
Sensitizer	Sensitizer	4- 5

#### EXPOSURE LIMITS

<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>

Benzyl Acetate  
ACETONE  
Cresol Resin  
Dyestuff  
Sensitizer

#### **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>		
140-11-4	No	No	No					
67-64-1	No	No	No					
9003-35-4	No	No	No					
dyestuff	No	No	No					
Sensitizer	No	No	No					

\* 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.

This product contains the following toxic chemicals subject to reporting requirements of SARA TITLE III, Sect. 313 and CFR 40, part 372: TOLUENE, 2-BUTOXYETHYL ACETATE

### SECTION 3: HAZARDS IDENTIFICATION

#### **EYES CONTACT:**

Severe Eye irritation: signs/symptoms include redness, tearing, swelling, pain, cloudy appearance of cornea, impaired vision and possible permanently impaired vision.

#### **SKIN CONTACT:**

Moderate Skin irritation (after prolonged and repeated contact): signs/symptoms can include redness, swelling, itching, and dryness. May be absorbed through the skin and produce effects similar to those caused by inhalation and or ingestion.

**INHALATION:**

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT. --- Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness --- Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

Prolonged or repeated overexposure, above recommended guidelines, may cause:

Blood disorders: signs/symptoms can include prolonged weakness and fatigue.

Cardiac Sensitization: sudden heart stoppage due to a reflex effect on the nerves which control the heart. This effect usually occurs only after inhalation of concentrated vapors such as in intentional abusive sniffing of certain solvents and propellants.

Heart Effects: signs/symptoms can include arrhythmia, heart attack and death.

Kidney Effects: signs/symptom can include reduced urine volume, blood in urine and back pain.

Liver Effects : signs/symptoms can include yellow skin (jaundice) and tenderness of upper abdomen.

Nervous System Effects: signs/symptoms can include emotional changes, lack of coordination, tremors and sensory loss.

Lung Damage: signs/symptoms can include coughing, difficulty breathing, wheezing, tightness in chest, congestion, and coughing up of blood.

**INGESTION:**

WHILE THE FOLLOWING EFFECTS ARE ASSOCIATED WITH ONE OR MORE OF THE INDIVIDUAL INGREDIENTS IN THIS PRODUCT AND ARE REQUIRED TO BE INCLUDED ON THE MSDS BY THE U.S. OSHA HAZARD COMMUNICATION STANDARD, THEY ARE NOT EXPECTED EFFECTS DURING FORESEEABLE USE OF THIS PRODUCT. ---

Blood Disorders: signs/symptoms can include prolonged weakness and fatigue.

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

Kidney Effects: signs/symptom can include reduced urine volume, blood in urine and back pain.

Liver Effects : signs/symptoms can include yellow skin (jaundice) and tenderness of upper abdomen.

Central Nervous System Depression: signs/symptoms can include headache, dizziness, drowsiness, muscular weakness, incoordination, slowed reaction time, fatigue, blurred vision, slurred speech, giddiness, tremors and convulsions.

REPRODUCTIVE/DEVELOPMENTAL TOXINS: TOLUENE (108-88-3): The State of California has determined that overexposure to toluene during pregnancy may cause birth defects.

**H.M.I.S. CODES:** HEALTH: 2 FIRE: 3 REACTIVITY: 0 PROTECTION: D

**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:**

Immediately wash affected area with water. If irritation persists, call a physician.

**INHALATION:**

Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

**INGESTION:**

If swallowed do NOT induce vomiting. Give victim two glasses of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

**SECTION 5: FIRE FIGHTING MEASURES**



SHIPPING NAME: NOT REGULATED MATERIAL

UN ID-#: N/A

PACKING GROUP: N/A

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>
140-11-4	No	No	No	No	No	No	Yes
67-64-1	No	No	No	No	No	No	Yes
9003-35-4	No	No	No	No	No	Yes	Yes
dye stuff	No	No	No	No	No	No	No
Sensitizer	No	No	No	No	No	No	Yes

\* 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.