



**MATERIAL SAFETY DATA SHEET**

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Revision: Manufacturer: **Chad Labs Corporation**  
Revision Date: 128 Research Drive  
Item No. 38154B Milford, CT 06460 USA  
Issue Date: March 13, 2009 (203) 877-3891

**Section: I PRODUCT IDENTIFICATION**

Trade Name: Fountain Pen Brown Ink # 54139 Color: Brown  
Chemical Family: N/A Formula: Proprietary

**Section: II HAZARDOUS INGREDIENTS**

Exposure Limits in Air

Chemical Name:	CAS No.	ACGIH (TLV)	OSHA (PEL)	Other:
Ethylene Glycol	000107-21-1			

**Section: III PHYSICAL PROPERTIES**

Boiling Point: > 212 F	Specific Gravity: (Water = 1) 1.020 - 1.030
Melting Point: N/A	Evaporation Rate (But. Acetate = 1) Approx. 0.005
Vapor Pressure: MM hg @ 20 Deg. C	Water Solubility: Miscible
Vapor Density: (Air =1) > 1	Appearance: Brown Liquid
Odor: Odorless	Surface Tension @ 25 C.: 40 Min
pH: 6.5 - 8.0	Viscosity @ 25 C. : 1.2 - 1.6 CPS

**Section: IV FIRE AND EXPLOSION**

Flash point: Deg. F 221 Method Used: N/A  
Flammable limits in air: Lower: 2.8% Upper: 13.9%  
Autoignition Temperature, Deg. F.: Unknown  
Fire Extinguishing Material: Water Spray: X Foam: X  
Carbon Dioxide: X Dry Chemical:  
Other: \_\_\_\_\_

Special Fire Fighting Procedures: Fireman should be fitted with self-contained breathing apparatus to avoid inhalation of products of combustion

Unusual Fire and Explosion: None Known

Swallowed: N/A

**Section: V HEALTH HAZARD INFORMATION**

Symptoms of over exposure for each potential route of exposure:

Inhaled: Little hazard exists at room temperature

Eye Contact: May cause irritation Skin Contact: Colors the skin and may cause drying

Absorbed through skin: None expected Swallowed: None expected

Health effects or risks from exposure: Non-hazardous

Acute: None known

Chronic: None known

First Aid Emergency Procedures:

Eye Contact: Flush eyes for at least 15 minutes with large amounts of water. Get medical attention if eye pain persists.

Skin Contact: Remove contaminated clothing and wash affected area with plenty of water and soap.

Inhaled: Remove victim to an uncontaminated atmosphere and administer oxygen or artificial respiration as needed.

Swallowed: Call a physician

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Suspected Cancer Agent: This products ingredients are not found in the list below:

No  Fed. OSHA      NTP      IARC      CAL/OSHA

Yes \_\_\_\_\_

Section: VI	REACTIVITY DATA
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Stability:            Stable:             Unstable:

Conditions to Avoid:    N/A                            Materials to Avoid: Strong Oxidizing Agents

Hazardous Decomposition Products (including combustion products): Carbon monooxide and carbon dioxide oxides of nitrogen.

Hazardous Polymerization:    May Occur:                            Will Not Occur:

Conditions to Avoid: N/A

Section: VII	SPILL, LEAK AND DISPOSAL PROCEDURES
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Spill Response Procedures and Employee Protection Measures:

Soak up all spills on paper, sawdust, earth or other suitable absorbents and scoop into closed containers.

Wash down spill area with plenty of water.

Disposal method: Remove to an approved landfill site.

Note: Dispose of all wastes in accordance with federal, state and local regulations.

Section: VIII	SPECIAL HANDLING INFORMATION
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Ventilation and engineering controls: Local exhaust as needed to remove fumes if any.

Respiratory Protection: Necessary only is the ink is heated. Use an approved respirator for organic vapors and fumes.

Eye Protection: Safety glasses with side shields                            Gloves: Rubber

Other Clothing and Equipment: Impervious Clothing Where Skin Contact Is Unavoidable

Eyewash must be close to work area

Work Practices: Hygienic Practice and No Smoking while handling materials.

Other Handling and Storage Requirements: Do not store outside. Keep container closed when not in use.

Section: IX	LABELING
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Labeling: None

Section: X	NOTICE
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