



## MATERIAL SAFETY DATA SHEET

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Revision:  
Revision Date:  
Item No. 24094  
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Manufacturer: **Chad Labs Corporation**  
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Milford, CT 06460 USA  
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### Section: I PRODUCT IDENTIFICATION

Trade Name: High Lighter Fluorescent Orange Ink # 24094      Color: Fluorescent Orange  
Chemical Family: N/A      Formula: Proprietary

### Section: II HAZARDOUS INGREDIENTS

Chemical Name:	CAS No.	Exposure Limits in Air		
		ACGIH (TLV)	OSHA (PEL)	Other:
Di-ethylene Glycol				
Propylene Glycol				
+ other proprietary solvents				

### Section: III PHYSICAL PROPERTIES

Boiling Point: N/A      Specific Gravity: (Water = 1) 1.0830 ± 0.01  
Melting Point: N/A      Evaporation Rate (But. Acetate = 1) Approx. 0.005  
Vapor Pressure: MM hg @ 20° C      Water Solubility: Miscible  
Vapor Density: (Air =1) > 1      Appearance: Orange Liquid  
Odor: Odorless      Surface Tension @ 25° C.: 48 Min  
pH: 3.2- 4.2      Viscosity @ 25° C. : 7.50 - 9.50 CPS

### Section: IV FIRE AND EXPLOSION

Flash point: > 221° F      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

Stability:                      Stable:                       Unstable:

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

Hazardous Decomposition Products (including combustion products): Carbon monoxide 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

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

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

Labeling: None

### Section: X                                      NOTICE

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