

**MATERIAL SAFETY DATA SHEET**

Page 1 of 2

Revision: Manufacturer: **Chad Labs Corporation**  
Revision Date: 128 Research Drive  
Item No. 1886A Milford, CT 06460 USA  
Issue Date: 01-26-01 (203) 877-3891

**Section: I PRODUCT IDENTIFICATION**

Trade Name: Ball Pen Blue Ink # 13194-01 Color: Blue  
Chemical Family: N/A Formula: Proprietary

**Section: II HAZARDOUS INGREDIENTS**

## Exposure Limits in Air

| Chemical Name:              | CAS No.  | ACGIH (TLV) | OSHA (PEL) | Other: |
|-----------------------------|----------|-------------|------------|--------|
| 2-phenoxyethanol            | 122-99-6 | N/A         |            |        |
| 2-(2-phenoxyethoxy) ethanol | 104-68-7 | N/A         |            |        |

**Section: III PHYSICAL PROPERTIES**

Boiling Point: 425° F Specific Gravity: (Water = 1) 1.150  
Melting Point: N/A Evaporation Rate (But. Acetate = 1) Approx. 0.005  
Vapor Pressure: MM hg @ 20° C 0.05 Water Solubility: Slight  
Vapor Density: (Air =1) 4 Appearance: Blue Viscous Liquid  
Odor: Aromatic Viscosity @ 25° C. : 9,500 to 12,500 CPS  
pH @ 25° C = 6.5 ± 1.0

**Section: IV FIRE AND EXPLOSION**

Flash point: 221° F Method Used: N/A  
Flammable limits in air: Lower: 2.8% Upper: 13.9%  
Auto ignition Temperature, F°.: None  
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.

**MATERIAL SAFETY DATA SHEET**

1886A

Swallowed: Call a physician

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**

All information, recommendations and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources. However, Chad Labs Corporation makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product. Additional product literature may be available upon request. Since actual use by others is beyond our control, neither warranty, express or implied, is made by Chad Labs as to the effects of such use, the results to be obtained or the safety and

toxicity of the product nor does Chad Labs assume any liability arising out of use by others of the product referred herein. The data in this MSDS relate only to the specific material designated herein and do not relate to use in combination with any other material or in any process.

End of MSDS