



Consumer Information Sheet #1397

A.T.CROSS COMPANY  
ONE ALBION ROAD  
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Phone: (401) 335-8376

FOUNTAIN PEN INK  
022091 BLACK  
USED IN: FOUNTAIN PEN REFILLS  
Prepared: 2/10/03  
Revised:

This is a reproduction of the Ink Manufacturers MSDS for bulk ink. An MSDS for the writing instrument is not required. They are exempt as either "articles", 29 CFR 1910.1200(b)(6)(v), or a "consumer product", 29 CFR 1910.1200(b)(6)(ix). ASTM D-4236 Labeling is also not required for these products.

SECTION I GENERAL INFORMATION

MANUFACTURER NAME: Chad Labs Corporation  
128 Research Drive  
Milford, CT 06460  
Tel: (203) 877-3891  
Issue Date: 5/1/91  
Revision Date: 10/16/92

SECTION II HAZARDOUS INGREDIENTS (Specify components)

CAS-no. Substance conc. Range % classification  
This product contains no hazardous ingredients as defined under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

107-21-1 Ethylene Glycol < 5%

SECTION III PHYS./CHEM. CHARACTERISTICS (SPECIFY COMPONENT)

Appearance: Black Liquid	Odor: Odorless
Vapor Pressure: MM HG @ 20°C:	Surface Tension: @ 20°C: 44 Minimum
Vapor Density (Air = 1): > 1	Melting Point (°C):
Solubility in Water: Miscible	Evaporation Rate (Butylacetate = 1) N/E
pH: 7.0 to 8.0	Viscosity: @ 20°C: 1.2 to 1.4
Boiling Point: Non Flammable	Specific Gravity: (water = 1) 1.0192

SECTION IV FIRE AND EXPLOSION HAZARDS

Flashpoint: (°F): >212F Flammable Limits in air: LEL = N/A UEL N/A

Extinguishing Media: Water Spray, Carbon Dioxide, Foam

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

Autoignition temperature: (°F): none

Unusual Fire and Explosion: None known

Other Advice: none

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**SECTION V HEALTH HAZARDS**

1. Acute: N/A 2. Chronic: N/A

**Chemicals Listed as Carcinogens:** none**Emergency and First Aid Procedures / Symptoms of Over Exposure**

Routes of Entry	Symptoms	First Aid Procedures	Seek Medical Advice
Inhalation	Little hazard exists at room temperature. Remove to an uncontaminated atmosphere and administer oxygen or artificial respiration as needed. Get medical attention.		X
Eyes	May cause irritation Flush for at least 15 minutes with large amounts of water. Get medical attention if eye pain persists		X
Skin	Not absorbed through skin. Colors the skin and may cause drying. Remove contaminated clothing, wash affected area with plenty of soap and water.		
Ingestion	If accidentally swallowed obtain immediate medical attention.		X

**SECTION VI REACTIVITY DATA**

**Stability:** Stable [ X ] Unstable [ ] **Conditions to avoid:** none  
**Hazardous decomposition products (including combustion products):** Carbon Monoxide and carbon dioxide and oxides of nitrogen.  
**Hazardous polymerization;** May occur [ ] will not occur [ X ] **Materials to avoid:** Strong oxidizing agents

**SECTION VII SPILL, LEAK AND DISPOSAL PRODEDURES**

**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.

**Waste Disposal Methods:** Remove to an approved landfill site. Note: Dispose of all wastes in accordance with federal, state and local regulations.

**SECTION VIII SPECIAL HANDLING INFORMATION**

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

**Ventilation:** **Local Exhaust:** if needed for fumes **Mechanical:** not necessary **Other:**

**Skin and Eye Protection:** Safety glasses with side shields, rubber gloves, 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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