

NuMark Marker Co., LLC

Mark-Off Marker

MATERIAL SAFETY DATA SHEET

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Revision: 1

Manufacturer: **Third party, trade secret**

Revision Date: Jan. 03, 2008

Item No. 1992A

Issue Date: 1-26-94

Section: I	PRODUCT IDENTIFICATION
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Trade Name: MO 2000 Mark-off Marker Washable Ink # 8011 Color: Blue, Black

Chemical Family: N/A Formula: Proprietary

Section: II	HAZARDOUS INGREDIENTS
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Exposure Limits in Air

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

Section: III	PHYSICAL PROPERTIES
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Boiling Point: > 212 F Specific Gravity: (Water = 1) 1.010 - 1.020
Melting Point: N/A Evaporation Rate (But. Acetate = 1): Approx. 0.005
Vapor Pressure: MM hg @ 20° C 0.05 Water Solubility: Miscible
Vapor Density: (Air =1) > 1 Appearance: Blue, Black Liquid
Odor: Odorless Surface Tension @ 25 C.: 40 Min
pH: 5 - 7.5 Viscosity @ 25 C.: 1.2 CPS

Section: IV	FIRE AND EXPLOSION
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Flash point: > 212°F Method Used: N/A
Flammable limits in air: Unknown
Auto ignition 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
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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 : X Fed. OSHA NTP IARC CAL/OSHA

Yes : _____

Section: VI REACTIVITY DATA

Stability: Stable: X 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: X

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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