

Millennium Signatures Marking Systems Inc.

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SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION AND COMPANY DETAIL

Product Name: #30 Neutralizer
Product Code(s): #30
Recommended Use: For use in the Electro-Chemical Etching Process
Manufacturers Name: Millennium Signatures Marking Systems Inc.
Address: 12-1550 Yorkton Court
Burlington ON, L7P 5B7
Emergency Telephone: (905) 630 0909, available during office hours,
8:30am - 4:00pm EST, Monday - Friday, in English.
Fax Number: (905) 639-0919
Date Prepared: January 4, 2017

HMIS	
H	1
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PPE [†]	
† Sec. 8	

SECTION 2 – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (specific chemical identity/ Common name):

SOLIDS:

LIQUIDS: Formaldehyde (trade secret) 213ppm

TRADE SECRET: The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 3 – HAZARD INFORMATION

Inhalation: Irritating
Ingestion: Fatal in large quantities. Blindness in large quantities.
Skin contact: Irritating.
Eye contact: Irritating.

SECTION 4 – FIRST AID MEASURES

Skin contact: Wash thoroughly with soap and water.
Eye contact: Flush thoroughly with water for fifteen minutes, holding eyelids apart.
Ingestion: Get medical assistance.
Inhalation: Remove to fresh air.
Always seek medical attention if irritation continues.

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SECTION 5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media: N/A
Special firefighting procedures: N/A
Unusual fire and explosions hazards: N/A

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

SMALL SPILLS: Flush with sufficient water to sewer.

LARGE SPILLS: Use suitable absorbent and dispose of in dot approved waste containers.

WASTE DISPOSAL: To be performed in compliance with all current local, state and federal regulations.

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in the event of spillage or chemical release:

Waste disposal method: To be performed in compliance with all current local, state and federal regulations.

Precautions to be taken in Handling and Storage: Keep container tightly closed, and keep from freezing (32°F). Wash hands thoroughly after handling.

Other Precautions: None.

SECTION 8 – EXPOSURE CONTROLS – PERSONAL PROTECTION

Occupation Exposure Limits: RECM STD-Air: 1.2mg/M/30m **Personal**

Protective Equipment:

Respiratory System: N/A

Skin and Body: Optional apron

Hands: Optional - For sensitive skin wear rubber gloves.

Eyes: Wear safety goggles.

Other/Special: Local exhaust sufficient

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Clear

Odor: Slight odor

Odor Threshold: N/A

pH: 9.63 to 10.03

Boiling Point: 212°F

Melting / Freezing Point: Melting - N/A / Freezing - below 32°F

Flash Point: N/A

Fire Hazards in presence of various substances: N/A

Auto-ignition temperature: N/A

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Explosive Properties: N/A
Lower explosion limit: N/A
Oxidizing properties: N/A
Vapor Pressure (mm Hg.): @25°C (77°F):23.7
Evaporation Rate: N/A
Density: N/A
Solubility: Complete (100%)
Vapor Density: N/A

SECTION 10 – REACTIVITY DATA

Stability: Stable
Conditions to avoid: N/A
Incompatibility: (materials to avoid) N/A
Hazardous Decomposition or By-products: N/A
Hazardous polymerization: Will not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Carcinogenicity: (For Formaldehyde) NTP: Indefinite IARC: Indefinite OSHA: No Data
Health Hazards (Acute & Chronic); Irritating if inhaled.
Irritating to skin and eyes.
Fatal in large quantities if ingested.
If ingested; blindness in large quantities.

SECTION 12 – ECOLOGICAL INFORMATION

N/A

SECTION 13 – DISPOSAL CONSIDERATIONS

Observe all federal, state and local environmental regulations.

SECTION 14 – TRANSPORT INFORMATION

Keep container tightly closed and keep from freezing (32° F).

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SECTION 15 – TRANSPORT INFORMATION IRRITANT

Safety Phrases: N/A
Risk Phrases: N/A
Regulations: N/A

SECTION 16 – OTHER INFORMATION

Source of key data used to

Compile Safety Data Sheet: Material Safety Data Sheet. Essentially similar to U.S. Department of Labor Form OSHA-20

Issue Date: 26 February 1987

Changes to Issue: 15 April 2015

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