

MATERIAL SAFETY DATA SHEET

U-MARK, Inc.

Rev. Date: November 15, 2006

PRODUCT NAME: No. 3 UTILITY MARKER

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Identifier: U-Mark No. 3 Utility Marker
General Use: Marking on Most Surfaces
Product Color: Black, Blue, Green, Orange, Red, White, Yellow

U-Mark, Inc., 102 Iowa Avenue, Belleville, IL 62220 USA tel. 618-235-7500
24-hour Emergency Phone: Infotrac 1-800-535-5053 (USA & Canada), 1-352-323-3500 (International);

2. COMPOSITION/INFORMATION ON INGREDIENTS

Note : No. 3 markers are classified as articles, and are not required to have an MSDS because they do not contain any liquid ink (ink is absorbed into the material inside the markers). This document refers to the liquid ink, and is provided as a service to our customers.

Ingredient	CAS No.	% by Wt.	Exposure Limits (ppm)	
			OSHA TWA	ACGIH TWA
N-Propyl Alcohol	71-23-8	<45	200	200
Ethyl Alcohol	64-17-5	<45	1000	1000
Propyl Cellosolve	2807-30-9	<5	20	20

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW : not considered hazardous material under normal conditions

POTENTIAL HEALTH EFFECTS:

INHALATION: Avoid breathing vapor. Breathing of vapor may be harmful.

EYE CONTACT: Avoid contact with eyes. May cause severe irritation.

SKIN CONTACT: Wash thoroughly after handling.

INGESTION: Not applicable.

EFFECTS OF OVEREXPOSURE: Contact with eyes is extremely irritating and may cause burns. Breathing vapors will be irritation to the nose and throat. In high concentrations may cause nausea, dizziness, headache, and stupor.

CHRONIC: Does not contain materials listed as cancer causative agents by NTP, IARC, or OSHA.

4. FIRST AID MEASURES

INHALATION: Remove to fresh air. If breathing has stopped, apply artificial respiration and call a physician immediately.

EYE CONTACT: Flush with plenty of water for fifteen minutes and call a physician immediately.

SKIN CONTACT: Stain can be removed with cold cream, rubbing alcohol, and hot towel compresses.

INGESTION: Do not induce vomiting. Call a physician.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: 74°F Method: TCC Flammable Limits: LEL 2% UEL 13.5%

Auto-ignition Temperature: 700°F

EXTINGUISHING MEDIA: Use carbon dioxide or dry chemical for small fires. Use alcohol foam or water for large fires.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Addition of water will reduce intensity of flames.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

6. ACCIDENTAL RELEASE MEASURES

SPILL: Not applicable.

7. HANDLING AND STORAGE

HANDLING: Keep containers closed. Empty containers may contain flammable vapors.

STORAGE: Store in a cool, dry location.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: not required in normal use.

RESPIRATORY PROTECTION: Not required in normal use.

SKIN PROTECTION: not required in normal use

EYE PROTECTION: not required in normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Alcohol.

APPEARANCE: Colored, opaque liquid.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: (CONDITIONS TO AVOID) Keep away from heat and flames.

INCOMPATIBILITY: Avoid concentrated Nitric and sulfuric acids, strong oxidizers, halogens, and halogen compounds.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce carbon monoxide and/or carbon dioxide, also other unidentified organic compounds may result from the resin.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Not applicable.

12. ECOLOGICAL INFORMATION

None Available

13. DISPOSAL CONSIDERATIONS

See section 6.

14. TRANSPORT INFORMATION

Not regulated.

15. REGULATORY INFORMATION

Not applicable.

16. OTHER INFORMATION (please see note in Section2)

HMIS Hazard Rating: Health 1, Fire 0, Reactivity 0

NFPA Hazard Rating: Health 1, Fire 0, Reactivity 0

(4= extreme, 3= high, 2= moderate, 1= slight, 0= least)

Caution!

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