

MATERIAL SAFETY DATA SHEET

U-MARK, Inc.

Rev. Date: November 15, 2006

PRODUCT NAME: A 10 PAINT MARKER – A20 PAINT MARKER – A30 MEGAMARK™

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Identifier: A 10 Paint Marker – A20 Paint Marker – A30 MEGAMARK™

General Use: Marking on Most Surfaces

Product Color: Black, Blue, Brown, Gray, Green, Lt.Blue, Lt.Green, Orange, Pink, Red, Violet, 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 (within USA & Canada),
1-352-323-3500 (International)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	% by Wt.	Exposure Limits (ppm)	
			OSHA TWA	ACGIH TWA
Propan-1-ol	71-23-8	<40	400	400

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Flammable liquid. Harmful. Keep liquid and vapors away from igniting sources, heat and static discharge. Avoid contact with eyes and skin. Avoid inhalation of mist or vapor.

POTENTIAL HEALTH EFFECTS:

INHALATION: Can cause nasal or respiratory tract irritation. Can cause Central Nervous system effects including fatigue, dizziness, headache, nausea and vomiting.

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

SKIN CONTACT: Wash thoroughly after handling.

EFFECTS OF OVEREXPOSURE: Intentional misuse of this product may be harmful or fatal. Reports have associated repeated overexposure to solvents with brain and nervous system damage.

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

4. FIRST AID MEASURES

INHALATION: Remove to fresh air. Call a physician in case of complaints.

EYE CONTACT: Flush opened eye with plenty of running water for fifteen minutes. Call a physician if irritation persists.

INGESTION: Do not induce vomiting. Call a physician. Wash out mouth with water if person is conscious.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: 73°F (23°C) Method: TCC Flammable Limits: LEL 2.1% UEL 13.5 %

EXTINGUISHING MEDIA: CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam and ABC powder.

SPECIAL FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin or eyes.

6. ACCIDENTAL RELEASE MEASURES

SPILL: Eliminate all sources of ignition. Spills should be contained absorbed with liquid-binding material, and placed in a leak proof container. Liquid should be disposed of following all Federal, State and local regulations.

7. HANDLING AND STORAGE

HANDLING: Keep containers closed.

STORAGE: Store in a cool, well-ventilated area away from heat, sparks, or flames.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local and general exhaust should minimize any exposure.

RESPIRATORY PROTECTION: Use a suitable NIOSH/MSHA respiratory device in case of insufficient ventilation or if exposure limits are exceeded

SKIN PROTECTION: Not required for minor contact. Wash hands before breaks and at end of work. .

EYE PROTECTION: Wear chemical splash goggles if splashing is anticipated.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Alcohol.

BOILING POINT 96 °C (205° F)

APPEARANCE: Colored, opaque liquid.

SPECIFIC GRAVITY 0.931

IGNITION TEMPERATURE: 360° C (680° F)

10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED: No decomposition if used according to specifications.

DANGEROUS REACTIONS: Reacts with acids, alkalis and oxidizing agents.

DANGEROUS PRODUCTS OF DECOMPOSITION: Nitrogen Oxides, Carbon Monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

71-238 propan-1-ol: LD/LC50 values Oral 1870 mg/kg (Rat); Dermal 5040 mg/kg. (Rabbit).Primary irritant effects: none known.

12. ECOLOGICAL INFORMATION

Slightly hazardous for water (self-assessment).

13. DISPOSAL CONSIDERATIONS

Disposal must be made according to Federal, State and Local laws.

14. TRANSPORT INFORMATION

IATA, IMDG, DOT: Printing Ink, 3, UN1210, PG III, Ltd. Qty.

USA GROUND Shipments: Consumer Commodity, ORM-D.

15. REGULATORY INFORMATION

EPCRA (SARA) Sec. 313 Reportable Materials: None. TSCA: All components are exempt. This product does not contain a chemical known to the State of California to cause cancer.

16. OTHER INFORMATION

HMIS and NFPA Ratings: Health 1, Flammability 3, Reactivity 0
(4= extreme, 3 high, 2 moderate, 1 slight, 0 least)

Caution!

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