

MATERIAL SAFETY DATA SHEET

U-MARK, Inc.

Rev. Date: October 16, 2009

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, Silver, 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 (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

These products contain less than 20 mL of the ink listed on this MSDS. Based on CFR 29, 1910.1200 OSHA Hazard Communication Evaluation, these products meet the definition of an “article” and they are not subject to the hazards normally associated with the ink when used as intended.

EMERGENCY OVERVIEW: Avoid contact with eyes and skin. Avoid inhalation of mist or vapor.

POTENTIAL HEALTH EFFECTS:

INHALATION: Can cause nasal or respiratory tract irritation.

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

SKIN CONTACT: May cause irritation. Wash thoroughly after handling.

EFFECTS OF OVEREXPOSURE: Can cause nasal or respiratory tract irritation. Can cause Central Nervous system effects Intentional misuse of this product may be harmful or fatal.

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 according to all Federal, State and local regulations.

7. HANDLING AND STORAGE

HANDLING: Keep markers closed when not in use. Keep out of reach of children.

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

8. EXPOSURE CONTROL / PERSONAL PROTECTION

ENGINEERING CONTROLS: Not required for normal use. 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: Not required under normal use. 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

Not available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

U.S. Hazardous Material Regulation (DOT49CFR): Not regulated per 49 CFR 49 § 173.4

Canadian Transportation of Dangerous Goods (TDG) : Not regulated.

IMDG: Not regulated. ICAO/IATA: Not regulated.

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

Caution!

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