

U-MARK, Inc.

Date: January 8, 2010

PRODUCT NAME: WASHOFF™ WATER REMOVABLE MARKER**1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

Product Identifier: Washoff™ Water Removable Marker

General Use: Marking on Most Surfaces

Product Color: Black, Blue, Green, Red, 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	55	200	200
Diacetone Alcohol	123-42-2	30	50	50

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 "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 13.7 %

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 capped when not in use. Keep out of reach of children. Wash thoroughly after handling.

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

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

CAS #123-42-2 Diacetone Alcohol: LD/LC50 values Oral 2530 mg/kg (Rat); Dermal LD 50 13500 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 is not known to contain any material listed under California Proposition 65.

Canadian Regulations: not WHMIS controlled.

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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