

# MATERIAL SAFETY DATA SHEET

U-MARK, Inc.

Rev. Date: April 25, 2012

## PRODUCT NAME: W20™ WATER BASED PAINT MARKER

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Identifier: W20™ WATER BASED PAINT MARKER

General Use: Marking on Most Surfaces

Product Color: 10851 (Black), 10852 (Blue), 10853 (Green), 10854 (Red), 10855 (White), 10856 (Yellow), 10857 (Orange), 10860 (Silver), 10861 (Pink), 10862 (Purple), 10864 (Gold), 10867 (Gray)

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

Ingredients	CAS No.	Wt./Wt. %	Exposure Limits	
		Less Than	OSHA TWA	ACGIH TWA
Tributoxyethyl phosphate	78-51-3	<5	Not established	Not established

### 3. HAZARDS IDENTIFICATION

These markers are certified as non-toxic per ASTM D4236 to contain no ingredients in quantities expected to cause significant or chronic toxicity to consumers. The markers require no precautionary labeling in accordance with the COC's Regulations as mandated by the Labeling of Hazardous Materials Act (LHAMA).

**OSHA REGULATORY STATUS:** This product is an article pursuant to 29 CFR 1910.1200 and, as such, is not subject to the OSHA Hazard Communication Standard.

**EUROPEAN UNION:** Not classified as dangerous according to Directive 1999/45/EC, article 12.

**EMERGENCY OVERVIEW:** Safe under normal use conditions.

### 4. FIRST AID MEASURES

**INHALATION:** Not expected in normal use conditions. If symptoms are experienced, move to fresh air and keep at rest. Get medical attention if any discomfort continues.

**EYE CONTACT:** Not expected under normal use. If irritation occurs, flush opened eye with plenty of running water for fifteen minutes. Call a physician if irritation persists.

**NOTES TO PHYSICIAN:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:** This product is not flammable.

**EXTINGUISHING MEDIA:** Extinguish with foam, carbon dioxide or dry powder.

**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Follow the general precautions indicated in the workplace. Self-contained breath apparatus and full protective clothing must be worn in case of fire.

### 6. ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS:** For personal protection, see section 8 of the MSDS.

**ENVIRONMENTAL PRECAUTIONS:** Collect and dispose of spillage in accordance with federal, state and local regulations.

### 7. HANDLING AND STORAGE

**HANDLING:** No special handling requirements. Observe good industrial hygiene practices.

**STORAGE:** Keep container tightly closed. Store with cap on above 32 ° F and keep from freezing. If frozen, allow to thaw before use.

### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

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

**RESPIRATORY PROTECTION:** Not required for normal use.

**SKIN PROTECTION:** Not required normal use. Wash hands before breaks and at end of work.

**EYE PROTECTION:** Not required under normal use

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE, COLOR AND ODOR:** Valve actuated paint marker containing colored liquid. Liquid has a very mild odor.

**PHYSICAL STATE:** Liquid paint contained inside marker.

**FREEZING POINT:** 32 ° F (0 °C)

**BOILING POINT:** 212-556 °F (100-291.1 °C)

**FLASH POINT:** 228 °F (108.9 °C) Pensky-Martens Closed Cup

**SOLUBILITY (WATER):** Soluble (paint contents)

**VOCs (calculated per EPA Test Method 24):**

COLOR	GRAMS PER LITER	% BY WEIGHT	COLOR	GRAMS PER LITER	%BY WEIGHT
10851 Black	6.08	0.58	10857 Orange	5.78	0.52
10852 Blue	5.75	0.47	10861 Pink	5.78	0.48
10853 Green	6.18	0.55	10862 Purple	5.78	0.47
10854 Red	5.96	0.56	10864 Gold	6.00	0.49
10855 White	5.78	0.47	10860 Gray	6.00	0.49
10865 Yellow	6.21	0.55	10860 Silver	5.93	0.48

**10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Not known.

**INCOMPATIBLE MATERIALS:** Not known.

**DANGEROUS PRODUCTS OF DECOMPOSITION:** Carbon Monoxide and carbon dioxide.

**DANGEROUS REACTIONS:** Not applicable.

**11. TOXICOLOGICAL INFORMATION**

This product is certified as non-toxic per ASTM D4236 and is considered an article pursuant to 29 CFR 1910-1210. When used as intended no toxic effects are expected. See Section 3.

**12. ECOLOGICAL INFORMATION**

**ECOTOXICITY:** Not available.

**AQUATIC TOXICITY:** Not known.

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL INSTRUCTIONS:** Dispose in accordance with applicable federal, state, and local regulations.

**14. TRANSPORT INFORMATION**

**DOT:** Not regulated.

**IATA:** Not regulated.

**IMDG:** Not regulated.

**15. REGULATORY INFORMATION**

**US federal regulations:** This product is an article pursuant to 29 CFR 1910-1210 and is not subject to the OSHA Hazard Communication Standard.

**TSCA:** The product listed on this MSDS is not listed on the Toxic Substances Control Act Inventory. All ingredients used to manufacture this product are listed on the TSCA Inventory.

**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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