

MATERIAL SAFETY DATA SHEET

U-MARK, Inc.

Rev. Date: December 21, 2009

PRODUCT NAME: 130P SELECT PAINT MARKER – GOLD AND SILVER

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Identifier: 130P Select Paint Marker
General Use: Marking on Most Surfaces
Product Color: Gold, Silver.

U-Mark, Inc., 102 Iowa Ave., Belleville, IL 62220 USA

24-hour Emergency Phone: Infotrac 1-800-535-5053 (within the USA and Canada), 1-352-323-3500 (International)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	% by Wt.	Exposure Limits (ppm)	
			OSHA TWA	ACGIH TWA
Mineral Spirits	64742-88-7	40-45	500	100
Xylene	1330-20-7	3-15	100	100
Ethylbenzene	100-41-4	1-3	100	100
High Boiling Aliphatic Hydrocarbon	64742-47-8	1-5	500	100

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Flammable liquid and vapor. May cause eye, skin and respiratory tract irritation. May affect central nervous system. If swallowed, do not induce vomiting. Get immediate medical attention.

POTENTIAL HEALTH EFFECTS:

INHALATION: Overexposure may cause headache, dizziness and other central nervous system effects. May irritate the respiratory tract.

EYE CONTACT: May cause irritation, redness, tearing, and blurred vision.

SKIN CONTACT: May cause mild irritation, redness, defatting, and dermatitis.

INGESTION: May cause gastrointestinal irritation, nausea, vomiting, and diarrhea. May be harmful or fatal if swallowed.

CHRONIC: Does not contain materials listed as cancer causative agents by NTP or OSHA. IARC (International Agency for Cancer Research) has classified Ethylbenzene as a possible human carcinogen (2B). Long term overexposure may cause liver and kidney damage.

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 and call a physician immediately.

SKIN CONTACT: Wash with soap and water. Remove contaminated clothing and launder before use.

INGESTION: Do not induce vomiting. Call a physician.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Flash Point: 75-85°F (24-29°C) Method: SFCC-TCC

Flammable Limits: LEL 1% UEL 7% .Auto-ignition Temperature: Not available

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, unidentified organic compounds.

EXTINGUISHING MEDIA: Alcohol foam, dry chemical, CO₂.

FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus and full protective clothing when large amounts are involved. A stream of water may help to spread fire.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Remove all ignition sources and put on proper protective equipment. Soak up with an absorbent and place in a well-ventilated area or in a closed container. If dry, the material can be disposed of with normal trash. Liquid should be placed in a covered container and held for incineration following all federal, state and local regulations.

7. HANDLING AND STORAGE

HANDLING: Wash hand thoroughly after handling. Keep containers will containers closed when not in use.

STORAGE: Store away from heat, sparks, or flames. Store between 40° and 120° F (4° and 49° C)

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS: General exhaust is recommended to keep vapors below exposure limits.

RESPIRATORY PROTECTION: Use a NIOSH approved respirator equipped for organic vapors if exposure limits are exceeded.

SKIN PROTECTION: Wear impervious gloves if hand contact is anticipated.

EYE PROTECTION: Not normally required if used as intended. Wear chemical splash goggles in compliance with OSHA if splashing is possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: 246° – 404° F (119° – 207°C) **MELTING POINT:** Not applicable

VAPOR PRESSURE: 5-7 mm Hg (68°F) **VAPOR DENSITY:** >1

SOLUBILITY IN WATER: 0% **SPECIFIC GRAVITY:** ~0.9

ODOR: Hydrocarbon. **VOC:** 520-650 g/l

APPEARANCE: Colored, opaque liquid. **% VOLATILE BY VOLUME:** 50-65

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: (conditions to avoid) Ignition sources.

INCOMPATIBILITY: Strong oxidizing agents, inorganic acids, strong caustics, amines, ammonia.

HAZARDOUS DECOMPOSITION PRODUCTS: Hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

CAS 64742-88-7 Stoddard Solvent (Mineral Spirits): LD₅₀ 34.6g/kg (oral, rat), 15.4g/kg (skin, rabbit)

CAS 64742-47-8 High Boiling Aliphatic Hydrocarbon: LC₅₀ 3400 ppm (4H, Rat).

CAS 1330-20-7 Xylene: Oral LD₅₀ 4.3g/kg (Rat); Dermal LD₅₀ 2.0 g/kg. (Rabbit)

CAS 10-41-40 Ethylbenzene: Oral LD₅₀ 3.5g/kg. (Rat); Dermal LD₅₀ 17.8g/kg. (Rabbit)

12. ECOLOGICAL INFORMATION

Prevent any run-off from reaching natural waterways.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all applicable Federal, State and local regulations.

14. TRANSPORT INFORMATION

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: Xylene, CAS No. 1330-20-7 and Ethylbenzene CAS No. 100-41-4. California Proposition 65 WARNING: this product contains a chemical known to the State of California to cause cancer (Ethylbenzene.)

16. OTHER INFORMATION

HMIS Hazard Ratings: Health 2, Fire 3, Reactivity 0

NFPA Hazard Ratings: Health 2, Fire 3, Reactivity 0

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

Caution!

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