

MATERIAL SAFETY DATA SHEET

Rev. Date: 7/30/2013

PRODUCT NAME: 100P™ INDUSTRIAL PAINT MARKER- 100P FINE LINE – 130P INDUSTRIAL PAINT MARKER WITH REVERSIBLE TIP-300P INDUSTRIAL PAINT MARKER - MOST COLORS

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Identifier: 100P™ Industrial Paint Marker, 100P Fine Line, 130P Industrial Paint Marker with Reversible Tip

General Use: Marking on Most Surfaces

Product Item# / Color:

100P #10201 Black, #10202 Blue, #10203 Green, #10204 Red, #10205 White, #10206 Yellow, #10207 Orange, #10209 Bright Green, #10211 Pink, #10212 Violet, #10213 Light Blue, #10215 Brown

100PFL #10201FL Black, #10202FL Blue, #10203FL Green, #10204FL Red, #10205FL White, #10206FL Yellow, #10207FL Orange, #10209FL Bright Green, #10211FL Pink, #10212FL Violet, #10213FL Light Blue, #10215FL Brown

130P #13001 Black, #13002 Blue, #13003 Green, #13004 Red, #13005 White, #13006 Yellow, #13007 Orange, #13008 Light Blue, #13009 Bright Green, #13011 Pink, #13012 Violet, #13015 Brown

300P #13901 Black, #13902 Blue, #13903 Green, #13904 Red, #13905 White, #13906 Yellow, #13907 Orange, #13909 Bright Green, #13910 Silver, #13913 Light Blue, #13914 Gold

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS No.	% by Wt.	Exposure Limits	
			OSHA TWA	ACGIH TWA
Xylene	1330-20-7	30-50	100	100
Ethyl benzene	100-41-4	2-10	100	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 can 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.

CHRONIC: Does not contain materials listed as cancer causative agents by NTP or OSHA. IARC (International Agency for Research of Cancer) 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: Immediately flush eyes with plenty of water and call a physician immediately.

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

INGESTION: Get medical attention immediately. Do not induce vomiting unless directed by a physician.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

Flash Point: 78-85°F (24-29°C) Method: 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: Use self-contained breathing apparatus and full protective clothing when large amounts are involved. A stream of water may help to spread the fire

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6. ACCIDENTAL RELEASE MEASURES

SPILL: Remove all ignition sources and ventilate areas. Absorb spilled material and place in a container for disposal (e.g. incineration). Dispose of in accordance with all Federal, State, and local regulations.

7. HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling.

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 ventilation is recommended to keep vapors below exposure limits.

RESPIRATORY PROTECTION: Use a NIOSH/MSHA approved respiratory device 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 anticipated.

9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: 246-404F (119-207C)

MELTING POINT: Not applicable

VAPOR PRESSURE: 5-7mm Hg (68F)

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: 40-65

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

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

100-41-4 Ethyl benzene: 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

IATA, IMDG, DOT: Printing Ink, 3, UN 1210, PG III, Ltd. Qty.

USA GROUND SHIPMENTS: Consumer Commodity, ORM-D.

15. REGULATORY INFORMATION

EPCRA (SARA) Sec. 313 Reportable Materials: Xylenes, CAS No. 1330-20-7 and Ethyl benzene CAS No. 100-41-4. California Proposition 65 **WARNING:** This product contains a chemical known to the State of California to cause cancer (Ethyl benzene).

16. OTHER INFORMATION

HMS Hazard Rating: 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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