

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

Forney Industries, Inc.

1830 Laporte Avenue

Fort Collins, CO 80521

Phone: 1-800-521-6038

Fax: 970-498-9505

Email: customerservice@forneyind.com

Emergency Response Phone: 1-800-535-5053

International Emergency Response Phone: 352-323-3500

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

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

Page 2

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: 246-404°F (119-207°C)

MELTING POINT: Not applicable

VAPOR PRESSURE: 5-7mm 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: 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!

Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so. Since conditions of use are beyond our control, we make no warranties, expressed or implied, except those that may be contained in our written contract of sale or acknowledgment. This MSDS is supplied under the condition that all persons receiving it will make their own evaluation as to its suitability for their purposes before using it. Responsibility for compliance with all applicable Federal, State or local regulations concerning the use and dissemination of this MSDS and sale and use of the material described herein rests solely upon the purchaser.