

MATERIAL SAFETY DATA SHEET

MSSC, LLC.

Date: August 11, 2012

PRODUCT NAME: KONG PERMANENT MARKER

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Identifier: Kong Marker

General Use: Marking on Most Surfaces

Product Item# / Color: KONG-BK Black, KONG-BL Blue, KONG-RD Red, KONG-VIO Violet

MSSC, LLC 926 McDonough Lake Rd., Unit E Collinsville, Illinois 62234 USA

24-hour Emergency Phone: Chemtrec 800-424-9300 International 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

This ink is classified as non-toxic per ASTM D4236.

Ingredients	CAS No.	% by Wt.	Exposure Limits	
			OSHA TWA	ACGIH TWA
Ethanol	64-17-5	50-100	1000	1000
1-Methoxy-2-propanol	107-98-2	2.5-10	150	150

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This ink is classified as non-toxic per ASTM D4236.

POTENTIAL HEALTH EFFECTS:

INHALATION: May cause dizziness.

EYE CONTACT: May irritate eyes.

SKIN CONTACT: May irritate skin.

INGESTION: May irritate digestive tract.

CHRONIC: Does not contain material listed as cancer causative agents by NTP or OSHA.

4. FIRST AID MEASURES

INHALATION: Remove to fresh air.

EYE CONTACT: Flush with plenty of water for fifteen minutes. Consult a physician if symptoms persist.

SKIN CONTACT: Wash with soap and water.

INGESTION: Consult a physician.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Flash Point: 13 ° C (55 ° F) Method: TTC

Flammable Limits: LEL 1.7% UEL 15.0% Auto-ignition Temperature: Product is not self-igniting.

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂.

EXTINGUISHING MEDIA: Alcohol foam, dry chemical, CO₂.

FIRE FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus and full protective clothing when large amounts are involved.

6. ACCIDENTAL RELEASE MEASURES

SPILLS: Not applicable. Dispose of in accordance with all Federal, State, and local laws.

7. HANDLING AND STORAGE

HANDLING: Keep markers capped when not in use.

STORAGE: Store in cool, dry location.

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.

EYE PROTECTION: Not required under normal use.

9. PHYSICAL AND CHEMICAL PROPERTIES**BOILING RANGE:** 78 ° C (172 ° F)**VAPOR PRESSURE:** At 20 ° C (68 ° F): 59 hPa (44 mm Hg)**SOLUBILITY IN WATER:** not miscible**VOC:** not available**ODOR:** Alcohol**MELTING POINT:** N/A**VAPOR DENSITY:** N/A**SPECIFIC GRAVITY:** not determined**% VOLATILE BY VOLUME:** 76.2%**APPEARANCE:** Colored, opaque liquid

10. STABILITY AND REACTIVITY**CHEMICAL STABILITY:** Stable.**INCOMPATIBLE:** Strong oxidizing agents.**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO₂.**HAZARDOUS POLYMERIZATION:** Will not occur.**CONDITIONS TO AVOID:** None.

11. TOXICOLOGICAL INFORMATION

Acute toxicity: Primary irritant effect: on the skin: Irritant to skin and mucous membranes, on the eye: Irritating effect.

Sensitization: No sensitizing effects known.

Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations: Irritant.

12. ECOLOGICAL INFORMATION.

Not available.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

Not regulated.

15. REGULATORY INFORMATION

All components are listed in the TSCA Inventory.

16. OTHER INFORMATION

HMIS Hazard Rating: Health 1, Fire 0, Reactivity 0

NFPA Hazard Rating: Health 1, Fire 0, Reactivity 0

(4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Least)

Caution!

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