



MATERIAL SAFETY DATA SHEET

In compliance with the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard as published in the Code of Federal Regulations 29 CFR 1910.1200

DATE: 1-1-98

PREPARED BY: RICK PRINGLE

1. PRODUCT IDENTIFICATION: **Printing Ink**

KOHL & MADDEN PRINTING INK
7760 RONDA DRIVE
CANTON TWP., MI. 48187
(734)455-5890

PROCESS COLOR WAX

DE-11329

2. HAZARDOUS INGREDIENTS

This product contains no reportable hazardous substances as defined under Occupational Safety & Health Administration's Hazard Communication Standard (29 CFR 1910.1200).

3. HAZARDS IDENTIFICATION

Emergency Overview: Product may cause skin and eye irritation.

Product HMIS Rating: H: 1 F: 1 R: 0 HMIS Rating Definition: H = Health F = Flammability R = Reactivity
0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

4. FIRST AID MEASURES

Eye Contact: Flush eyes thoroughly with sterile eye wash solution. Seek medical attention if irritation persists.

Skin Contact: Wash skin with soap and water. Seek medical attention if irritation persists.

Inhalation: Remove to fresh air if breathing is difficult. Seek medical attention if difficulty persists.

Ingestion: Ingestion is considered to be an unlikely route of exposure. However, if ingestion occurs, seek medical attention.

5. FIRE FIGHTING MEASURES

OSHA: Class III B (Combustible)

Extinguishing Media: Carbon dioxide, dry chemical, or foam recommended. Apply water spray to cool exposed containers.

Fire hazards: Fire or excessive heat may produce hazardous decomposition products.

Flammability Data: Flash Point: Greater than 215° F. (Closed Cup Method, ASTM D3278-82)

6. ACCIDENTAL RELEASE MEASURES

Clean up with absorbent material. Transfer to appropriate containers for disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes, or clothing. Wash hands after use.

Storage: Store in closed containers away from direct sources of heat.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation: The use of local exhaust is desirable.

Personal Protection: If prolonged contact is anticipated, use barrier skin cream.

Exposure Limits: There are no established OSHA permissible exposure limits (PEL) or American Conference of Government Industrial Hygienists (ACGIH) threshold limiting values (TLV) for this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Evaporation Rate: Slower than water

Odor: Oily

Solubility: Insoluble in water

Boiling Range: Greater than 500° F.

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10. STABILITY AND REACTIVITY

General: This product is a stable mixture. Decomposition is not anticipated.
Incompatibility: This product is not compatible with water-based materials.
Hazardous Decomposition Products: Noxious gases may be evolved in a fire.

11. TOXICOLOGICAL INFORMATION

General: This product is a mixture of several ingredients. There are no established OSHA permissible exposure limits (PEL) or American Conference of Government Industrial Hygienists (ACGIH) threshold limiting values (TLV) for this product.
Medical Conditions Aggravated by Exposure: None known.
Acute (Short-term) Toxicity: No adverse effects known.
Chronic (Long-term) Toxicity: No adverse effects known.
Carcinogenicity: This product contains no reportable known or potential carcinogens listed by the National Toxicology Program (NTP) or the International Agency for Research on Cancer (IARC). Materials contained in this product are not OSHA regulated under 29 CFR 1910 Subpart Z.

12. DISPOSAL CONSIDERATIONS

General: This product should be disposed of in accordance with applicable federal, state, and local regulations.
Waste Management: This product is not considered a RCRA hazardous waste under 40 CFR 261, and is not regulated under CERCLA (Superfund).

13. TRANSPORTATION INFORMATION

United States:	International:
D.O.T. Shipping (49 CFR 172.101-102).....: Not regulated	United Nations/North American Number.....: Not regulated
D.O.T. Hazard Class (49 CFR 172.101-102).....: None	International Maritime Dangerous Goods Classification.....: Not regulated
D.O.T. Label.....: None	International Air Transport Association Classification.....: Not regulated
D.O.T. Placard.....: None	
Bill of Lading Description.....: Printing Ink	

14. REGULATORY INFORMATION

OSHA Hazard Communication Standard Status: This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.
Toxic Substance Control Act (TSCA) Status: All ingredients are certified to be materials or mixtures of materials listed on the U.S. TSCA Invent Superfund Amendments and Reauthorization Act (SARA) Title III:
 Section 302 Extremely Hazardous Substances (40 CFR 355).....: None
 Section 311/312 OSHA Hazardous Chemicals.....: None
 Section 313 Toxic Chemicals and Chemical Categories (40 CFR 372).....:

Barium Compounds % by Weight	N/A
Copper Compounds % by Weight	N/A
Zinc Compounds % by Weight	N/A

(N/A = Not Applicable)

Resource Conservation and Recovery Act (RCRA): This product contains no reportable hazardous substances (40 CFR 261.33) and does not exhibit the characteristics of hazardous waste (40 CFR 261.20-.24).
California Proposition 65 Regulated Substances: This product does not contain any known concentrations of regulated substances.
CONEG Status: This product is formulated to be in compliance with CONEG Model Legislation for Packaging and Packaging Ink Components.

The information and recommendations for this product are believed to be accurate. Since this product may be used under conditions beyond our control, no warranty, expressed or implied, is made with respect to the use of this product. Kohl & Madden Printing Ink Corporation assumes no liability or responsibility for personal injury or property damage caused by the product. Users assume all risks associated with the use of this product.