MATERIAL SAFETY DATA SHEET

(For Printing Ink and Related Materials)

Date: September 22, 2009

SECTION I

MANUFACTURED BY: Graphic Chemical & Ink Company

> P.O. Box 7027 728 North Yale

Villa Park, IL 60181

EMERGENCY PHONE: 800-535-5053

PRODUCT CLASS: TRADE NAME: MANUFACTURERS CODE:

Oil Base Ink Graphic Etching Black 514

SECTION II - HAZARDOUS INGREDIENTS

.000644 Co Tallate 61789-52-4 .000234 Heavy Distillates 68476-34-6 .000087 Mineral Spirits 8052-41-3 Diethylene Glycol 111-77-3 .000009

Monomethyl Ether

SECTION III - PHYSICAL DATA

Boiling Range: 200 degrees F Type of Odor:

Vapor Density: Heavier than air

Liquid Density:

Appearance:

Evaporation Rate: Slower than ether

Percent Volatile Wt: N/A

SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: 550 Degrees F

Lowest Flash Point:

LEL:

Extinguishing Media: Foam, CO2, Dry Chemical or Water Fog

Special Fire Fighting Procedure: Water may be used to cool container

Unusual Fire & Explosion Hazards: None

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SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: Not established

Effects of Overexposure: None known

Emergency First Aid: Skin Contact - Wash affected area with soap & water

Eye Contact - Flush eyes with water

SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid:

SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released:

Ordinary clean up procedure. Sweep or wipe up. Dispose as any grease or oily material.

Waste disposal method:

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Adequate to prevent accumulation of vapors.

Protective Equipment (Respiratory, Eye, Etc.): None necessary

SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling:

SECTION X - DISCLOSURE

Disclosure Information:

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein.