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GRAPHIC CHEMICAL

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MATERIAL SAFETY DATA SHEET  
(For Printing Ink and Related Materials)

45204-1006

Date: April 21, 2004

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: Natural Resin      TRADE NAME: Graphic Stop Out Varnish      MANUFACTURERS CODE: 11300, 11303, 11306

SECTION II - HAZARDOUS INGREDIENTS

55.45 Ethyl Alcohol  
2.34 Methyl Alcohol  
0.59 Methyl Isobutyl Ketone

SECTION III - PHYSICAL DATA

Boiling Range: 173 Degrees F      Type of Odor:  
Vapor Density: Heavier than air      Evaporation Rate: Slower than ether  
Liquid Density: Lighter than water      Percent Volatile Wt: 71.4%  
Appearance: Red Opaque Solution

SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: Closed Cup  
Lowest Flash Point: 54 Degrees F  
LEL: 3.3%

Extinguishing Media: CO2, Dry Chemical, sand, water

Special Fire Fighting Procedure: None

Unusual Fire & Explosion Hazards: None

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**SECTION V - HEALTH HAZARD DATA**

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Threshold Limit Value: 1000 PPM

Effects of Overexposure: Possible drowsiness above 1000 PPM, coughing, irritation of eyes & nose.

**Emergency First Aid:**

Remove person from contaminated area. Administer artificial respiration and oxygen if breathing is irregular. Irrigate eyes with water for 15 minutes.

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**SECTION VI - REACTIVITY DATA**

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Product Stability: Stable

Conditions to Avoid: Product is flammable. Avoid high heat, sparks & open flame.

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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**Procedure when material is spilled or released:**

Keep away from heat or ignition source. Provide adequate ventilation and clean area with absorbent material, sand or rags.

**Waste disposal method:**

Air dry with ventilation.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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Ventilation: Open window or local exhaust.

**Protective Equipment (Respiratory, Eye, Etc.):**

Safety glasses; avoid long exposure to fumes (alcohol).

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**SECTION IX - SPECIAL PRECAUTIONS**

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Storage & Handling: Store in cool place away from high heat, sparks, open flame or oxidizing agents.

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**SECTION X - DISCLOSURE**

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**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.