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GRAPHIC CHEMICAL

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

45213-1006

Date: April 15, 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:

Petroleum
Hydrocarbon

TRADE NAME:

Universal Etch Ground - Hard

MANUFACTURERS CODE:

12390, 12393, 12396

D.O.T. Shipping Name: Petroleum Distillates N.O.S
D.O.T. Hazard Class: 3 (Flammable Liquid)
D.O.T. Identification: UN1268 **D.O.T. Label:** Flammable

SECTION II - HAZARDOUS INGREDIENTS

79.8% VM&P Naphtha CAS#64742-89-8
PEL - not established

SECTION III - PHYSICAL DATA

Boiling Range: Greater than 240 F **Type of Odor:** Bland petroleum
Vapor Density: Heavier than air **Evaporation Rate:** Slower than ether
Liquid Density: Lighter than water **Percent Volatile Wt:** N/A
Appearance: Black **Vapor Pressure:** 45 MM @ 25 DG C
Approximately

SECTION IV - FIRE & EXPLOSION DATA

Flash Point Category: 54 degrees F
Lowest Flash Point: N/A
LEL: 0.9% Estimated

Extinguishing Media: Foam, CO2 Dry Chemical or water fog

Special Fire Fighting Procedure: Use air supplied rescue equipment for enclosed areas; cool containers with water.

Unusual Fire & Explosion Hazards: Do not store or mix with strong oxidants.

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SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: 300 PPM (ACGIH-8 hour time weighted average)

Effects of Overexposure: Breathing high vapor concentration may result in mild depression, convulsions, loss of consciousness or lung damage. Contact may irritate eyes or skin.

Emergency First Aid: Move patient to fresh air and call physician.

SECTION VI - REACTIVITY DATA

Product Stability: Stable

Conditions to Avoid: Heat sparks and open flame. When heating above 200 F use impermeable protective gloves. Use window fan to remove fumes. Contains natural asphaltum.

SECTION VII - SPILL OR LEAK PROCEDURES

Procedure when material is spilled or released:

Remove ignition sources. Avoid breathing concentrated vapor. Recover free liquid. Use absorbent material for small spills.

Waste disposal method:

Dispose of in accordance with local, state & federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation: Use in well ventilated room.

Protective Equipment (Respiratory, Eye, Etc.):

Breathing apparatus if needed. Protective gloves and safety goggles.

SECTION IX - SPECIAL PRECAUTIONS

Storage & Handling: Keep away from sparks, heat and open flame. Keep containers closed.

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.