

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

Date: November 25, 1997

SECTION I

MANUFACTURED BY: Graphic Chemical & Ink Company  
P.O. Box 27  
728 North Yale  
Villa Park, IL 60181

EMERGENCY PHONE: 800-535-5053 "LIQUID HARD GROUND"

PRODUCT CLASS: Petroleum  
Hydrocarbon

TRADE NAME: Universal Etch Ground - Hard

MANUFACTURERS CODE: 12390, 12393, 12396

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: 40 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.

**PRODUCT CLASS:**Petroleum  
Hydrocarbon**TRADE NAME:**

Universal Etch Ground - Hard

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12390, 12393, 12396

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**SECTION V - HEALTH HAZARD DATA**

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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.

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**SECTION VI - REACTIVITY DATA**

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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.

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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Procedure when material is spilled or released:  
Remove ignition sources. Avoid breathing concentrated vapor. Recover free liquid. Use absorbant material for small spills.

Waste disposal method:  
Dispose of in accordance with local, state & federal regulations.

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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Ventilation: Use in well ventilated room.

Protective Equipment (Respiratory, Eye, Etc.):  
Breathing apparatus if needed. Protective gloves and safety goggles.

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**SECTION IX - SPECIAL PRECAUTIONS**

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

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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.

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Petroleum  
Hydrocarbon

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Universal Etch Ground - Hard

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**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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Breathing apparatus if needed. Protective gloves and safety goggles.

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

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EMERGENCY PHONE: 800-535-5053 "LIQUID HARD GROUND"

PRODUCT CLASS: TRADE NAME: MANUFACTURERS CODE:  
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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.

Date: August 8, 2001

**SECTION I**

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**MANUFACTURED BY:** Graphic Chemical & Ink Company  
P.O. Box 7027  
728 North Yale  
Villa Park, IL 60181

**Talc**

**EMERGENCY PHONE:** 800-535-5053

**PRODUCT CLASS:** Hydrous Silicate  
**TRADE NAME:** Graphic Chemical & Ink  
French Chalk

**MANUFACTURERS CODE:**  
30380,30385

**SECTION II - HAZARDOUS INGREDIENTS**

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Talc 90-95% by weight, CAS Reg. No. 14807-96-6

**SECTION III - PHYSICAL DATA**

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Boiling Range:	N/A	Type of Odor:	None
Vapor Density:	N/A	Evaporation Rate:	N/A
Liquid Density:	N/A	Percent Volatile Wt:	N/A
Appearance:	White Powder		

**SECTION IV - FIRE & EXPLOSION DATA**

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Flash Point Category: Nonflammable  
Lowest Flash Point:  
LEL:

Extinguishing Media:

Special Fire Fighting Procedure:

Unusual Fire & Explosion Hazards: None

**SECTION V - HEALTH HAZARD DATA**

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Threshold Limit Value: Not established

Effects of Overexposure: None known

Emergency First Aid: Skin Contact - Flush with water.  
Eye Contact - Wash skin.

**SECTION VI - REACTIVITY DATA**

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Product Stability: Stable

Conditions to Avoid:

**SECTION VII - SPILL OR LEAK PROCEDURES**

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Procedure when material is spilled or released:

Ordinary clean up procedure. Sweep or wipe up. Dispose according to state and local regulations.

Waste disposal method:

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

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Ventilation:

Protective Equipment (Respiratory, Eye, Etc.): NIOSH approved dust respirator.

**SECTION IX - SPECIAL PRECAUTIONS**

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Storage & Handling:

**SECTION X - DISCLOSURE**

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