

**MATERIAL SAFETY DATA SHEET**

(For Printing Ink and Related Materials)

**Date:** October 14, 2015

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**SECTION I**

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**MANUFACTURED BY:** Graphic Chemical & Ink Company  
P.O. Box 7027  
728 North Yale  
Villa Park, IL 60181**EMERGENCY PHONE:** 800-535-5053

<b>PRODUCT CLASS:</b>	<b>TRADE NAME:</b>	<b>MANUFACTURERS CODE:</b>
Petroleum	Universal Etch Ground - Soft Hydrocarbon	12400,12403,12406

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

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**SECTION II - HAZARDOUS INGREDIENTS**

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79.8%	VM&P Naphtha	CAS#64742-89-8 PEL - not established
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**SECTION III - PHYSICAL DATA**

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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

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**SECTION IV - FIRE & EXPLOSION DATA**

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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**

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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 absorbent 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.