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MATERIAL SAFETY DATA SHEET

Revision Date: 16/04/2019

Transport/Fire Emergency: **000** (Emergency Services)
Medical Emergency: **131126** (Poisons information)

Graphic Chemical Liquid Hard Ground

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION	
PRODUCT NAME:	Graphic Chemical Liquid Hard Ground
OTHER NAMES:	Universal Etch Ground - Hard
APPLICATION OF SUBSTANCE:	Professional printmaking medium
MANUFACTURED BY:	Graphic Chemical & Ink Company P.O. Box 7027 728 North Yale Villa Park, IL 60181
CONTACT NUMBERS:	800-535-5053

2. HAZARDOUS INFORMATION	
VM&P Naphtha (79.8%) CAS 64742-89-8	
Regulatory status: This material is considered hazardous by the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200). Signal Word: DANGER Hazard Summary: Extremely flammable. Irritating to eyes and respiratory system. Affects central nervous system. Harmful or fatal if swallowed. Aspiration Hazard.	
Eyes: High vapour concentration or contact may cause irritation and discomfort.	
Skin: Brief contact may cause slight irritation. Skin irritation leading to dermatitis may occur upon prolonged or repeated contact. Can be absorbed through skin.	
Ingestion: Aspiration hazard if liquid is inhaled into lungs, particularly from vomiting after ingestion. Aspiration may result in chemical pneumonia, severe lung damage, respiratory failure and even death.	
Inhalation: Vapours or mists from this material can irritate the nose, throat, and lungs, and can cause signs and symptoms of central nervous system depression, depending on the concentration and duration of exposure. Inhalation of high concentrations may cause central nervous system depression such as dizziness, drowsiness, headache, and similar narcotic symptoms, but no long-term effects.	
Chronic exposure: Long-term exposure may cause effects to specific organs, such as to the liver, kidneys, blood, nervous system, and skin. Contains benzene, which can cause blood disease, including anaemia and leukaemia.	
Target organs: Skin, Central nervous system, Liver, Kidney, Blood	
MANUFACTURER'S CODE:	12390, 12393, 12396
UN NUMBER:	1268

2. HAZARDOUS INFORMATION	
PROPER SHIPPING NAME:	Petroleum distillates, N.O.S.
DANGEROUS GOODS CLASS AND SUBSIDIARY RISK:	3 Flammable Liquid
HAZCHEM CODE:	3YE
POISONS SCHEDULE NUMBER:	N/A
PACKAGING GROUP:	II
HAZARD CATEGORY:	N/A
CLASS:	3

3. COMPOSITION / INFORMATION ON INGREDIENTS
Naphtha

4. FIRST AID MEASURES	
GENERAL:	Symptoms: Dizziness, Discomfort, Headache, Nausea, Kidney disorders, Liver disorders.
INHALATION:	Breathing high vapour concentration may result in mild depression, convulsions, loss of consciousness or lung damage. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately. Threshold Limit Value: 300 PPM (ACGIH-8 hour time weighted average.)
EYE CONTACT:	Contact may irritate eyes. Remove contact lenses. Flush with fresh water for 15 minutes and seek medical advice.
SKIN CONTACT:	Contact may irritate skin. Wash well with soap and water. If irritation persists, contact physician.
INGESTION:	If swallowed Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES	
EXTINGUISHING MEDIA:	Foam, CO2, Dry Chemical or Water Fog
DO NOT USE:	Do not use a solid water stream as it may scatter and spread fire.
DEGREE OF FIRE RISK:	Highly flammable.
RECOMMENDATIONS:	Use air supplied rescue equipment for enclosed areas; cool containers with water.

6. ACCIDENTAL RELEASE MEASURES
Remove ignition sources. Avoid breathing concentrated vapour. Recover free liquid, absorbing small spills with absorbent material.

7. HANDLING AND STORAGE	
HANDLING:	Keep away from food, drink and animal feed. Incompatible with oxidising agents. Wash hands before eating, drinking, smoking, or using toilet facilities.
STORAGE:	Do not store or mix with strong oxidants.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION	
ENGINEERING MEASURES:	Exhaust ventilation, emergency eye wash
<i>PERSONAL PROTECTION</i>	
RESPIRATORY PROTECTION:	In case of inadequate ventilation, use appropriate ventilation mask.
HAND PROTECTION:	Impermeable protective gloves.
EYE PROTECTION:	Safety goggles or glasses.
SKIN PROTECTION:	Wear adequate protective clothing. Wash contaminated clothing before re-use. Contaminated leather, particularly footwear, must be discarded. Note that contaminated clothing may be a fire hazard.

9. PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE:	Dark brown liquid.
FLASH POINT:	4.44°C
BOILING POINT:	> 115.5°C
VAPOUR PRESSURE:	45MM at 25°C
VAPOUR DENSITY:	Heavier than air.
SPECIFIC GRAVITY:	Not given.
SOLUBILITY IN WATER:	Not given.
MELTING POINT:	Not given.

10. STABILITY AND REACTIVITY
Stable.
Avoid heat sparks and open flame. Heating can release hazardous gases. No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION
Not given.

12. ECOLOGICAL INFORMATION
Not given.

13. DISPOSAL CONSIDERATIONS

Dispose of container and unused contents in accordance with federal, state and local requirements.

14. TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; DANGEROUS GOODS.

15. REGULATORY INFORMATION

Not given.

16. OTHER 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.