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MATERIAL SAFETY DATA SHEET

Edition: March 2011

Graphic Chemical Etching Inks

(TNL 1950—19741)

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Graphic Chemical and Ink Co Etching Inks

PRODUCT CODE: N/A

MANUFACTURED BY: Graphic Chemical and Ink Company
P.O. BOX 702
728 North Yale
Villa Park, IL 60181

EMERGENCY PHONE: 800- 535- 5053

SECTION 2. COMPOSITION, INFORMATION ON INGREDIENTS

A mixture of oil base and pigment.

SECTION 3. HAZARDS IDENTIFICATION

This product does not contain substances which present a health hazard within the context of the chemicals (Hazard Information and packaging) Regulations.

SECTION 4. FIRST AID MEASURES

THRESHOLD LIMIT VALUE: Not established.

EFFECTS OF OVEREXPOSURE: None known.

EYES: Carefully flush eyes with water. If irritation occurs, contact a physician.

SKIN: Wash affected area with soap and water or appropriate hand cleaner.

INHALATION: Remove to fresh air. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

INGESTION: Do not induce vomiting. If patient vomits, turn to recovery position. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURE

FLASH POINT CATEGORY: 550 Degrees F

FIRE AND EXPLOSION HAZARDS: None

EXTINGUISHING MEDIA: Foam, CO₂, Dry Chemical or Water Fog

SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool container.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Avoid breathing of vapours. Refer to protective measures listed in Sections 7 and 8.

ENVIRONMENTAL PRECAUTIONS: Prevent from entering drains, surface and ground water.

PROCEDURE WHEN MATERIAL IS SPILLED OR RELEASED: Ordinary clean up procedure. Sweep or wipe up. Dispose as any grease or oily material.

SECTION 7. HANDLING AND STORAGE

STORAGE TEMPERATURE: Try to protect from cold temperatures.

HANDLING AND STORAGE: For personal protection and hygiene, wash thoroughly after handling. Do not eat, drink or smoke during handling. Avoid contact with skin, eyes and clothing. Handle in well-ventilated areas. Store in sealed containers under normal dry conditions. Keep away from sources of heat, ignition, oxidising agents and strong acids.

PRECAUTIONS: Adequate ventilation needed to prevent accumulation of vapours.

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

EYE PROTECTION: Goggles/face shield if necessary.

SKIN PROTECTION: P.V.C./Synthetic rubber gloves if necessary.

RESPIRATORY AND VENTILATION: Provide adequate ventilation.

GENERAL: Contaminated clothing should not be worn. Oily rags should not be put in pockets. Under and outer clothing should be changed regularly. Shower or bathe at end of working.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Paste.

COLOUR: Variable with pigment.

ODOUR: Vegetable oil.

BOILING RANGE: 200 degrees F.

EXPLOSIVE PROPERTIES: Not determined.

MELTING POINT: Not determined.

FLAMMABILITY SOLID/GAS: Not flammable at room temperature. Will burn in fire conditions.

PH OF AQUEOUS SOLUTION: Not applicable.

SOLUBILITY IN WATER: Insoluble.

OTHER SOLUBILITY: Miscible with white spirit.

BULK DENSITY: Not determined.

% VOLATILE BY WEIGHT : N/A

VAPOUR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than ether.

SECTION 10. STABILITY AND REACTIVITY

The product is reasonably stable but will experience a slight increase in viscosity upon storage. Any ink exposed to air will begin to oxidise, thus forming a skin as the drying reaction occurs. Keep ink as cool as possible.

SECTION 11. TOXICOLOGICAL INFORMATION

The product is considered non-toxic due to the ingredients used. Possible route of exposure are as follows:

SKIN: Very prolonged contact may lead to reddening of the skin.

EYES: Splashes in the eyes may cause irritation and there is always a risk of injury.

SECTION 12. ECOLOGICAL INFORMATION

There is no data available on the product. The product should not be allowed to enter drains or watercourses, where it will cut off the oxygen supply to aquatic life by floating on the surface of the water.

SECTION 13. DISPOSAL CONSIDERATIONS

Do not allow product to enter drains or water courses. Wastes and emptied containers should be disposed of in accordance with local regulations.

SECTION 14. TRANSPORTATION INFORMATION

UN NUMBER: Non hazardous.

IMDG CODE/CLASS: Non hazardous.

ICAO/IATA (AIR) CLASS: Non hazardous.

RID/ADR CLASS: Non hazardous.

ADNR CLASS: Non hazardous.

SECTION 15. REGULATORY INFORMATION

This product is not classified as dangerous within the definition of the Chemicals (Hazard Information and packaging) Regulations. The user's own assessment of workplace risks (i.e. Health and Safety at Work Act and COSHH Regulations) also apply to the use of this product at work.

SECTION 16. OTHER INFORMATION

The information provided on this sheet is based on our knowledge of the product concerned at the date of issue. It is provided in good faith. Users should also bear in mind that risks may arise when a product is put to uses other than those for which it is destined.