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## MATERIAL SAFETY DATA SHEET

Edition: March 2005

### Graphic Chemical Relief Inks

(TNL 1580—1589)

#### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Graphic Chemical and Ink Co Relief 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: Non-vaporous.  
EFFECTS OF OVEREXPOSURE: NFPA 704M Health Classification of 1.  
EYES: Carefully flush eyes with water. If irritation occurs, contact a physician.  
SKIN: Wash affected area with soap and water or appropriate hand cleaner.  
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**

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.

## **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. Store in sealed containers under normal dry conditions. Keep away from sources of heat, ignition, oxidising agents and strong acids.

Do not take internally. This product is a non-hazardous stable material when handled or stored in bulk drums or smaller containers. However, when presenting a large surface, E.I., rags, filter clay, spontaneous combustion may occur.

## **SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

EYE PROTECTION: Safety glasses.

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

SPECIAL RESPIRATORY AND VENTILATION: Not required.

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:	Not applicable.
VAPOUR DENSITY:	Heavier than air.
EVAPORATION RATE:	Slower than ether.

## **SECTION 10. STABILITY AND REACTIVITY**

The product is reasonably stable. 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: Not assigned.

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.*