

American Etching Inks (TNL 1950 – 19741)

1. Identification

Graphic Chemical and Ink Co Etching Inks

2. Composition/Information on Ingredients

A mixture of oil base and pigment.

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.

4. First-Aid Measures

Eye contact	Flush eyes with water.
Skin contact	Wash skin thoroughly with soap and water or appropriately 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.

5. Fire-Fighting Measures

Extinguishing media	Use dry chemical, foam, water fog or carbon dioxide.
Protective equipment for Fire-fighters	Standard.

6. Accidental Release Measures

Contain and collect spillage with non-combustible absorbent materials (sand, earth) and place in a suitable container for disposal in accordance with the local waste regulations. Wash floor thoroughly with hot water and detergent, as the greatest danger is the slippery surface.

7. Handling and Storage

Do not eat, drink or smoke during handling. Avoid contact with skin, eyes and clothing. Handle in well-ventilated areas. Try to protect from cold temperatures. Store in sealed containers under normal dry conditions. Keep away from sources of heat, ignition, oxidising agents and strong acids.

8. Exposure Control and Personal Protection

RESPIRATORY PROTECTION:- Provide adequate ventilation.

HAND PROTECTION:-P.V.C./Synthetic rubber gloves.

EYE PROTECTION:- Goggles/face shield.

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.

9. Physical and Chemical Properties

Physical form	Paste
Colour	Variable with pigment.
Odour	Vegetable oil
pH of aqueous solution	Not applicable
Boiling point	>93 °C
Melting point	Not determined
Viscosity	Not determined
Flash point	>288 °C
Flammability solid/gas	Not flammable at room temperature.Will burn in fire conditions.
Autoflammability	Not determined
Explosive properties	Not determined
Oxidising properties	Not determined
Vapour pressure	Not determined
Density	Not determined
Water solubility	Insoluble
Other solubility	Miscible with white spirit.
Bulk density	Not determined
Partition coefficient octanol/water	Not determined
Explosive limits	Not determined

10. Stability and Reactivity

The product 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.

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.

Oral: No data is available.

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.

13. Disposal Conditions

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

14. Transport 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

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.

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.