



## MATERIAL SAFETY DATA SHEET

### SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer's Name:** Lancer Group International  
311 Saulteaux Crescent  
Winnipeg, Manitoba,  
Canada R3J 3C7

**Emergency Telephone Number:** (204) 889-7422

**Trade Name:** Duratex Nylon Water Based Inks, Duratex Printable Adhesive

**Code:** DT Series

**Chemical Name:** Not applicable

**Chemical Family:** PU based ink

**Product Use:** Screen Printing Ink

**WHMIS Classification:** Not Regulated

**24 Hour Emergency Number:** (613) 996-6666 CANUTEC  
(Use in case of a dangerous goods emergency.)

### SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients	Percentage	TLV (ppm)	CAS#

**Composition comments:** These products do not contain any known currently listed hazardous materials nor do they contain any carcinogenic or suspected carcinogenic agents.

### SECTION 3. HAZARDS IDENTIFICATION

**Effects of Overexposure:** No known published data is available for this product.

**Chronic Effects:** No known published data is available for this product.

### SECTION 4. FIRST AID MEASURES

**Eye Contact:** Flush eyes thoroughly with large amount of water for at least fifteen minutes. Get medical attention.

**Skin Contact:** Remove excess material from skin and wash with soap and water. Seek medical attention in the unlikely event that irritation occurs.

**Inhalation:** Remove to fresh air. Get medical attention if breathing is difficult.

**Ingestion:** Do not give anything by mouth to an unconscious person. Do not induce vomiting. Get immediate medical attention.

## SECTION 5. FIRE FIGHTING MEASURES

### Flammability Properties

**Flash Point (Closed Cup) °C:** Non-Flammable Material

**Hazardous Combustion Products:** Not applicable

**Extinguishing Media:** Water spray, foam, CO<sub>2</sub> or dry chemical.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and protective clothing

**Unusual Fire and Explosion Hazards:** Fire due to excessive heat may produce hazardous decomposition products.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Procedure if Material is Spilled or Released:** Eliminate all source of ignition. Soak up on paper or other absorbent and scoop into closed containers. Flush area with plenty of water.

## SECTION 7. HANDLING AND STORAGE

**Handling:** Avoid employee exposure through the use of appropriate engineering controls, adequate personal protective equipment and good industrial hygiene practices. Wash hands thoroughly after handling. Handle in well-ventilated work place.

**Storage:** Store in a moderate cool, dry, well-ventilated area away from direct source of heat. Avoid freezing. Empty containers may contain product residues and should be handled accordingly. Position containers so that any labeling information is visible. Keep containers closed.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Exhaust system sufficient to control emissions near the source. Additional engineering controls should be used as necessary.

### Personal Protective Equipment (PPE)

**Skin Protection:** Resistant gloves

**Footwear:** Not required

**Clothing:** Impervious clothing should be worn when gross contact is likely, such as when cleaning up large spill

**Eye Protection:** Safety glasses with side shields, or goggles are recommended

**Respiration Protection:** Generally not required with adequate ventilation

**Personal Hygiene:** Avoid breathing fumes during fusion process. Wash hands before eating. Wash contaminated clothing before reuse. Normal washing will be sufficient.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and Odor:** White to colored paste

**Boiling Range, °C:** 90 - 110

**Melting/Freezing Point, °C:** 0

**Vapor Pressure (mm Hg @ 20°C):** same as water

**Vapor Density (Air = 1):** same as water

**Specific Gravity (Water = 1):** 1-1.1

**Solubility in water:** Dispersible  
**Percent Volatile by volume:** 90  
**pH:** 8-9

## SECTION 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable  
**Incompatibility:** Strong Oxidizer  
**Hazardous Decomposition Products:** Oxides of carbon and nitrogen.

## SECTION 11. TOXICOLOGICAL INFORMATION

There is no known published data available for this product.

## SECTION 12. ECOLOGICAL INFORMATION

There is no known published data available for this product.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Dispose of in accordance with all Local, Provincial and Federal Regulations.

## SECTION 14. TRANSPORT INFORMATION

**Canadian TDG Shipping Description:** Not regulated  
**US DOT Classification:** Not regulated

## SECTION 15. REGULATORY INFORMATION

**U.S. TSCA Inventory Status:** All components of these products are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt.

**Canadian DSL Inventory Status:** All components of these products are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

**Note:** Not available

## SECTION 16. OTHER INFORMATION

**DISCLAIMER:** All information presented herein is given in good faith and is based on sources and tests are considered to be reliable but cannot be guaranteed. It is the user's full responsibility to accept risk for the safety, toxicity, handling, storage, and use of the product as well as to determine the suitability of this product for a specific purpose. We can make no warranty as to the results to be obtained in using the product. Therefore the user must assume all risk.

**MSDS Prepared by:** Discovery/Lancer Group

**Phone Number:** (204) 885-7792

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