



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: (204) 889-7422

Trade Name: Excalibur Plastisol Ink Reducer

Codes: 501/1501 Curable Reducer

Chemical Family: Plastisol

Product Use: Screen printing ink

CAS #: See Section II

WHMIS Classification: Not controlled

24 Hour Emergency Number: (613) 996-6666 CANUTEC

Use in case of a dangerous goods emergency

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS:	%	TLV (ppm)	CAS
This product is not			
WHMIS controlled			

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

SECTION 3. HAZARDS IDENTIFICATION

Effects of Overexposure: Fumes emitted during fusion may irritate eyes, skin or respiratory tract

Chronic Overexposure: Skin sensitization and allergic reactions may occur in certain individuals in slight cases

Sensitization to Materials: Skin sensitization and allergic reactions may occur in certain individuals in slight cases

Synergistic Products: None known

SECTION 4. FIRST AID MEASURES

Eye Contact: Immediately flush with water for 15 minutes

Skin Contact: Remove excess material from skin and wash with soap and water

Inhalation: Remove to fresh air immediately

Ingestion: Get immediate medical attention and advice

SECTION 5. FIREFIGHTING MEASURES

Flammability Properties:

Flash Point (Closed Cup) °C: 227

Hazardous Combustion Products: Oxide of Carbon, Hydrochloric Acid

Explosion Limits: Not applicable

Explosion Data: Not applicable

Extinguishing Media: CO₂, Dry Chemical Foam

Special Fire Fighting Procedures: Avoid breathing combustion product or use self-contained breathing apparatus

Unusual Fire and Explosion Hazards: Container may explode when subjected to extreme conditions and temperatures

SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is spilled or released: Scoop material into drum or container suitable, absorb remainder with inert material

SECTION 7. HANDLING AND STORAGE

Store in a cool place away from oxidizing and combustible materials

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiration Protection: Not required with normal adequate ventilation

Ventilation: Exhaust system sufficient to remove vapours released during fusion process

Engineering Controls: Not necessary

Personal Protective Equipment (PPE)

Skin Protection: Nitrile gloves if continual contact is likely

Footwear: Sneakers

Clothing: Nitrile smock if available

Respiratory Protection: Not required with normal 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: Cream paste with slight odour

Boiling Range °C: 260

Vapor Pressure (mm Hg @ 20°C): <.001 kpa @ 38° C

Vapor Density (Air = 1): Heavier than air

Specific Gravity (Water = 1): 1 – 1.5

Solubility in water: Insoluble

Percent Volatile by volume: Not applicable

pH: 7

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility: (materials to avoid) Oxidizing material can cause reaction

Conditions of Reactivity: Prolonged exposure to temperatures @ 300° C, Product stable at ambient temperature

Hazardous Decomposition: Not established

SECTION 11. TOXICOLOGICAL INFORMATION

SECTION 12. ECOLOGICAL INFORMATION

There is no known published data available for this product.

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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) 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.

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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