



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL AND 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 LOW BLEED ADDITIVE

CODES: LBA – Low Bleed additive

Chemical Family: Plastisol

Product Use: Screen printing additive

CAS #: See Section II

WHMIS Classification: Not controlled

24 Hour Emergency Number: (613)996-6666

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			

SECTION 3. HAZARDS IDENTIFICATION

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

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

Sensitization To Materials: Skin sensitization and allergenic 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

Scoop material into drum or container suitable then absorb remainder with inert material.

SECTION 7. HANDLING AND STORAGE

Store in a cool place away from oxidizing and combustible materials.

SECTION 8. EXPOSURE CONTROL/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
Evaporation Rate (BA=1):	slower than Butyl Acetate
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:	Burning may produce oxides of Nitrogen, Carbon Dioxide/Monoxide.

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

Dispose of in accordance with all Local, Provincial and Federal Regulations

SECTION 14. TRANSPORT INFORMATION

SHIPPING:

- **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.

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

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