



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: High Density Additive

Codes: 836, HD-1PF

Chemical Family: Silica

Product Use: Additive for screen printing ink

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	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 Acute Exposure: Fumes emitted during fusion may irritate eyes, skin or respiratory tract

Chronic Overexposure: Not available

Sensitization to materials: None known

Synergistic Products: None known

SECTION 4. FIRST AID MEASURES

Eye Contact: Immediately flush eyes 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. FIRE FIGHTING MEASURES

Flammability Properties

Flash Point (Closed Cup), °C: 213

Explosion Limits: Not applicable

Explosion Data: Not applicable

Hazardous Combustion Products: Oxides of carbon

Extinguishing Media: CO₂, Dry Chemical, Foam, Water spray

Special Fire Fighting Procedure: Firefighters should wear the usual protective gear. 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

Procedure if Material is Spilled or Released: Scoop material into drum or container suitable and absorb remainder with inert material.

SECTION 7. HANDLING AND STORAGE

Handling: This product must be manipulated by qualified personnel. Handle and open container with care. Avoid skin contact. Avoid breathing vapors. Use adequate ventilation. Maintain a good personal hygiene.

Storage: Keep containers closed when not in use. Keep away from heat, sparks, and open flame. Store in a cool and dry place for product integrity.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Engineering Controls: Not necessary

Personal Protective Equipment (PPE)

Skin Protection: Wear impervious gloves

Footwear: Safety boots per local regulations

Clothing: Wear a rubber apron

Respiratory Protection: Use NIOSH approved respirator for organic vapors

Others: Eye wash facility should be in close proximity. Wash hands prior to smoking and consuming food.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: odorless clear paste

Boiling Range, °C: not applicable

Specific Gravity (Water = 1): 0.93

Solubility in water: Virtually insoluble @ 20°C

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Product is stable in non-emergency conditions

Conditions of Reactivity: Excessive heat, open flame or ignition sources

Hazardous Decomposition: Oxides of carbon

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

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