



MATERIAL SAFETY DATA SHEET

SECTION 1. CHEMICAL AND COMPANY IDENTIFICATION

Manufacturer's Name: One Stroke Inks
458 Roberts Ave
Louisville, KY 40214
(502) 366-1070

24 Hr Emergency Phone: Chemtrec (800) 424-9300 ***Contact manufacturer for non-emergency calls

Product Name: 180 Series

Product Codes: 180 Series

Chemical Family: Plastisol

Product Use: Screen Printing Ink

WHMIS Classification: Not controlled

SECTION 2. COMPOSITION AND INFORMATION ON INGREDIENTS

Composition Components: This product does not contain any known currently listed hazardous materials nor does it contain any carcinogenic or suspected carcinogenic agents.

PEL's (Permissible Exposure Limits): None Known at this time.

SECTION 3. HAZARDS IDENTIFICATION

Primary Routes of Exposure: Potential routes of overexposure to these products are skin contact and inhalation of fumes during heat processing.

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

Chronic Effects: 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 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: 227

Hazardous Combustion Products: Oxide of Carbon, Hydrochloric Acid

Explosion Limits: Not Applicable

Explosion Data: Not Applicable

Extinguishing Data: Not Applicable

Extinguishing Media: CO₂, Dry Chemical, Foam

Special Fire Fighting Procedures: Avoid breathing combustion product or use self-containing 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 a clean properly labeled container for disposal and absorb remainder with inert material.

SECTION 7. HANDLING AND STORAGE

Handling: Handle open containers with care. Avoid eye contact. Avoid excessive or repeated skin contact. Keep container closed when not in use.

Storage: Keep the container tightly closed in a cool, dry, well-ventilated area, away from oxidizing and combustible materials.

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection: Not required with normal adequate ventilation.

Ventilation: Exhaust system sufficient to remove vapors released during fusion.

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 fusing 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 odor

Boiling Range, °C: 260

Vapor Pressure (mm Hg @ 20° C): <0.001 @ 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 above 300°C, Product stable at ambient temperature. Hazardous decomposition not established.

SECTION 11. TOXICOLOGICAL INFORMATION

There is no known published data for this product.

SECTION 12. ECOLOGICAL INFORMATION

There is no known published data 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 Shipping 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.

Notes: Not Available

SECTION 16. OTHER INFORMATION

Disclaimer: All information presented herein is given in good faith and is based on sources and tests and 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. One Stroke Inks makes no warranty as to the results to be obtained in using the product. Therefore the user must assume all risk.

MSDS Prepared by: One Stroke Inks

Phone: (502) 366-1070