



Safety Data Sheet



Section 1 - Identification

Product Class: UV Curable Lithographic ink, UV curable coatings
Formula ID: All with Prefixes: MUV, UVW, UVA, UVV, UVF, UVS, UVP

Supplier

Mallard Ink Company
2800 Anthony Lane S.
St. Anthony, MN 55418
(612) 788-0880

Section 2 – Hazard Identificaiton

Hazard Ratings (**NFPA**) Health: 2 Flammability: 1 Reactivity: 2

Legend: Minimal - 0, Slight - 1, Moderate - 2, Serious - 3, Severe - 4

Hazard Ratings (**GHS**) Health: 3 Flammability: 4 Reactivity: 3

Legend: Slight/Minimal - 4, Moderate - 3, Serious - 2, Severe - 1

The information contained herein is believed accurate as of the date stated (§16). However we make no warranty with respect thereto and disclaim all liability for reliance thereon. Information furnished herein is for the individual review and determination of suitability for each specific purpose or use.

Section 3 - Hazardous Ingredients

Additive:	Percentage if applicable:	Comments:
Acrylated blend	> 5%	N/A
Initiator blend	> 1%	N/A

This product contains a toxic chemical or chemicals subject to the Reporting Requirements of Section 313 of the Emergency Planning and Community Right to know Act of 1986 and of 40 CFR 372

Section 4, Emergency First Aid Procedures

Inhalation: No significant signs or symptoms indicative of any adverse health hazard are expected to occur at standard conditions due to the low volatility of this product.

Eye Contact: May cause minor eye irritation. Symptoms may include excessive tearing, blinking or redness.

Skin Irritation: May cause immediate skin irritation. Symptoms may include redness or rash, and swelling. Repeated skin contact with this material may cause skin sensitization (an allergic skin reaction).

Ingestion: This material may be a slight health hazard if ingested. Do Not Induce Vomiting. Get immediate medical attention

Section 5 - Fire & Explosion Data

- Flash Point > 200 F°
- Autoignition: N/A
- Extinguishing Media: Use Water, dry extinguishing media, Carbon Dioxide (CO₂), or foam
- Fire Fighting Procedures: Fire Fighters should be equipped with self-contained breathing apparatus and turn out gear.
- Unusual Hazards: There are no known unusual fire or explosion hazards.
- Special Fire Fighting Procedures: Water may be used to cool containers. Water may be ineffective in firefighting due to low solubility



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Section 6 - Spill or Leak Procedures

Remove all sources of ignition. Avoid breathing concentrated vapors. Ventilate area of spill. Scoop paste ink into disposal container. Wash or steam clean area.

Waste Disposal Method: Landfill or incinerate in accordance with local, State and Federal Regulations.

Section 7 – Handling and Storage

Keep away from heat sources, sparks, and open flame. Store in closed containers
Product components are included in the TSCA list of raw materials

Section 8 – Exposure controls/personal protection

Provide general dilution or exhaust ventilation in volume or pattern to keep TLV of ingredients below PEL.*

Wear protective gloves for prolonged or repeated contact.

Use BOM approved respirators or hoods in confined areas.

Safety goggles or face shield under conditions where material may splash.

Prevent prolonged skin contact with contaminated clothing.

*PEL's or TLV's are not established for this product

Section 9 - Physical Data

- Boiling range of solvent: N/A
- Vapor density is heavier than air
- Evaporation rate is slower than butyl acetate
- Liquid density is heavier than water
- Solubility in water: Low
- Appearance: Paste
- Polymerization may occur
- Pounds/Gal: 8.6 – 9.0
- VOC Content: N/A
- VOC Method: N/A

Section 10 - Reactivity

Stability - Slight Polymerization

Conditions and Materials to Avoid: High temperatures, localized heat source, oxidizing conditions, freezing conditions, direct sunlight, ultraviolet radiation, inert gas blanketing; strong oxidizers, strong reducers, free radical initiators, inert gases, oxygen scavengers.

Section 11 – Toxicological Information

Effects of Overexposure: Generally classified as non-toxic. Excessive inhalation of solvent fumes may cause respiratory tract irritation, headache, and dizziness.

Prolonged contact with skin may cause irritation and/or dermatitis. Ingestion causes digestive tract irritation, headache and dizziness.

Primary Routes of Entry: Dermal, or Inhalation of Fumes.

Section 16 – Other information

Last revised: 07/16/2014