

MATERIAL SAFETY DATA SHEET

Pro ColorFlex Ink Corporation

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Revised:

PRODUCT HMIS RATINGS

Health.....2 (Slight)

Flammability.....3 (High)

Reactivity.....0 (Minimal)

SECTION A – PRODUCT INFORMATIONTrade Name: **Ultra Perm. Opaque Ink**

Product ID No: Varies with color

Product Class: Stamp Ink

Distributor: Pro ColorFlex Ink Corp.
30672 San Antonio Street
Hayward, CA 94545**SECTION B – HAZARDOUS COMPONENTS**

N-Propanol	CAS# 71-23-8	Flammable Liquid; Eye, Skin and Respiratory Irritant	200 ppm (ACGI TLV-TWA) 200 ppm (OSHA PEL)
Alcohol	CAS# 71-36-3	Eye, Skin and Respiratory Irritant	50 ppm (ACGI TLV-TWA) 50 ppm (OSHA PEL)
**Glycol Ether	CAS# 111-15-9	Combustible Liquid, Eye, Skin and Respiratory Irritant	5 ppm (ACGI TLV-TWA) 100 ppm (OSHA PEL)
Ethyl Acetate	CAS# 141-78-6	Flammable Liquid, Eye, Skin and Respiratory Irritant	400 ppm (ACGI TLV-TWA) 400 ppm (OSHA PEL)

**Chemicals subject to SARA Title III, Section 313 reporting. This notification must not be detached from this MSDS and any copies of this MSDS must include this notification. This notification applies only to the material while it is within the boundaries of the United States of America or it's territories.

SECTION C – PHYSICAL DATA

APPEARANCE: Colored Liquid

BOILING RANGE (°F): 207

PHYSICAL STATE: Liquid

ODOR: Alcoholic

EVAPORATION RATE (vs Butyl Acetate): Faster

VAPOR DENSITY (vs air): Heavier

% VOLATILE BY WEIGHT: 75.50

SOLUBILITY IN WATER: Insoluble

SECTION D – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 73° F Tagliabue Closed Tester (ASTM D 56-79)

FLAMMABLE LIMITS: Lower: 3.3% Upper: 19.00%

EXTINGUISHING MEDIA: Alcohol Foam, CO₂, Dry Chemical, Water Fog

SPECIAL FIREFIGHTING PROCEDURES: Class I-B Flammable Liquid. Vapors from this product may concentrate in confined spaces and form an explosive mixture.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Product may produce hazardous fumes or hazardous decomposition products. Heated containers may rupture violently from excessive heat.

SECTION E – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Mixture. See section B, hazardous components of mixture.

PRIMARY ROUTES OF ENTRY: Skin contact. Inhalation

EFFECTS OF ACUTE OVEREXPOSURE: Prolonged or repeated exposure to this product may dry skin and cause dermatitis. Prolonged or repeated exposure may cause kidney, liver, lungs and heart damage.

SECTION F – EMERGENCY FIRST AID PROCEDURES

EYES: Flush immediately with plenty of water for at least 15 minutes. Remove contact lenses if worn. Get medical attention if irritation persists.

SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing.

INGESTION: If swallowed, get medical attention immediately. Induce vomiting immediately, as directed by medical personnel.

INHALATION: Remove individual to fresh air

SECTION G – REACTIVITY DATA

HAZARDOUS POLYMERIZATION: Will not occur

STABILITY: Stable

INCOMPATIBILITY: Oxidizers and alkali metal hydroxides

CONDITIONS TO AVOID: Hot storage (above 80° F), sparks and open flames. Avoid contact with strong oxidizing agents.

SECTION H – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:

SMALL SPILL: Remove all ignition sources. Small spills may be collected with absorbent materials. Wash area with soap and water, collect rinsates and containerize for disposal.

LARGE SPILL: Remove all ignition sources. Vapors are heavier than air and will concentrate at ground level. Contain spill immediately. Prevent from getting into public sewer, water systems or surface waters. Place in suitable container for disposal

WASTE DISPOSAL INFORMATION: Dispose in accordance with Local, State and Federal regulations.

SECTION I – PROTECTIVE EQUIPMENT TO BE USED

VENTILATION: Provide sufficient mechanical ventilation

PROTECTIVE GLOVES: If prolonged or repeated contact, wear impervious gloves

EYE PROTECTION: Chemical splash goggles in compliance with OSHA regulations are advised

RESPIRATORY PROTECTION: Not necessary under normal use conditions

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash stations should be readily available. Apron

SECTION J – STORAGE AND HANDLING

Keep in cool, dry, ventilated storage and in closed containers away from all sources of ignition. Wash thoroughly after handling. Avoid contact with eyes. Avoid breathing vapors, mist or aerosols. Use only with adequate ventilation.

SECTION K – SPECIAL PRECAUTIONS

WARNING: Hot Organic chemical vapors or mists are susceptible to sudden spontaneous combustion when mixed with air. Ignition may occur at temperatures below those published in the literature as autoignition or ignition temperatures.