Material Safety Data Sheet

**Supplier:**
Xerox ColorgrafX Systems, Inc.  Xerox Canada Ltd.
5853 Rue Ferrari Ave  5650 Yonge Street
San Jose, CA  95138  North York, Ontario M2M 4G7

**Telephone # (s):**
Safety Information: (800) 828-6571
Health Emergency: (716)422-2177
Transportation Emergency (Chemtrec): (800) 424-9300

**Date:** 8/1/95  **Revision:** 03/08/00

**Section I - Product Identification**

**Trade Names/Synonyms:** 8954/9054/ Turbo Ink, UV Magenta Premix / Auto-Concentrate

**Chemical Name:** None

**WHMIS Status:** Class B/Div. 3, Combustible liquid

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Concentrate</th>
<th>Premix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoparaffinic Hydrocarbon solvent</td>
<td>85-95%</td>
<td>&gt;97%</td>
</tr>
<tr>
<td>Methacrylate copolymers and pigments</td>
<td>5-10%</td>
<td>&lt;3%</td>
</tr>
</tbody>
</table>

**Section II - Emergency and First Aid**

**Primary Route of Entry:**
- Inhalation
- Eyes:
- Skin:

**Symptoms of Overexposure:**
High vapor concentrations (>1000 ppm) are irritating to the eyes and respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including fatality.

**Medical Conditions Generally Aggravated by Exposure:**
- Inhalation: Skin contact may aggravate an existing dermatitis.

**Additional Information:**
- Ingestion: None.
- DO NOT induce vomiting, call a physician immediately.

**Section III - Toxicology and Health Information**

This material has been evaluated by Xerox Corporation.

**Oral LD₅₀:**
>10 g/kg (rats) practically non-toxic.

**Dermal LD₅₀:**
>3.2 g/kg (rabbits) practically non-toxic.

**Inhalation LC₉₅:**
>2000 ppm (rats, 4 hr exposure) practically non-toxic.
>1800 ppm (monkey, 6 hr exposure) non-poisonous.

**Eye Irritation:**
- May cause irritation.

**Skin Sensitization:**
- Not a sensitizer.

**Skin Irritation:**
- Not an irritant.

**Human Patch:**
- Non-sensitizing. May cause irritation and dermatitis with prolonged or repeated contact.

**Mutagenicity:**
- No mutagenicity detected in Ames, Pol A+/A-, WP2, Mouse Lymphoma, In Vitro Sister Chromatid Exchange, Dominant Lethal and Micronucleus Assays.

**Carcinogens:**
- None present.

**Aquatic LC₅₀:**
- None available.

**Additional Information:**
- Isoparaffinic hydrocarbon solvent has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury, including fatality.
- Rat inhalation at 900 ppm not fetotoxic or teratogenic.
- The information noted above is based on toxicity data for isoparaffinic hydrocarbons and similar inks.

1This product does not contain any toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372. Its ingredients do not appear on the California Proposition 65 List. 2These ingredients are claimed as a trade secret by a Xerox supplier. They are registered under the New Jersey Trade Secret number 800814-6002. 3XEL-Xerox Exposure Limit

N.A. - Not Applicable  N.E. - None Established  N.D. - Not Determined

XEROX  **Trade Name:** 8954/9054/ Turbo Ink, UV Magenta Premix / Auto-Concentrate  **MSDS No.:** A-02092

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Section IV - Physical Data

Appearance/Odor: Magenta liquid / slight odor
Softening Range: N.A.
Boiling Point: 160 - 180 ºC
Melting Point: N.A.
Solubility in Water: Immiscible
Specific Gravity (H₂O=1): 0.77
Evaporation Rate: 0.3, (n-Butylacetate = 1)
Vapor Density (Air=1): 5.0
Vapor Pressure @20ºC (mm Hg): 1
pH: N.A.
Volatile: 85% (Wt.) N.A. % (Vol.)
Volatile Organics: VOC 660 g/l

Section V - Fire and Explosion Data

Flash Point (Method Used): 102-107 ºF (39-42 ºC) (T.C.C.)
Flammable Limits:
LEL: 0.8% UEL: 7.0%
Health - 1, Fire -2, Reactivity - 0
Extinguishing Media:
Foam, dry chemical, CO₂, water fog.
Special Fire Fighting Procedures:
Use air-supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor or fumes.
Fire and Explosion Hazards:
Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.

Section VI - Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Hazardous Decomposition Products: Fumes, smoke and carbon monoxide in the case of incomplete combustion.
Incompatibility (Materials to Avoid): Strong oxidants such as liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite.

Section VII - Special Protection Information

Respiratory Protection: None required when used as intended in Xerox ColorgrafX equipment.
Eye Protection: None required when used as intended in Xerox ColorgrafX equipment.
Protective Gloves: Neoprene or nitrile gloves for prolonged or repeated skin contact.
Other: None

Section VIII - Special Precautions

Handling and Storage: Keep container closed. Avoid handling near heat, strong light, sparks, open flames, strong oxidants.
Conditions to Avoid: Avoid breathing vapors. Avoid prolonged or repeated skin contact.

Section IX - Spill, Leak, and Disposal Procedures

For Spills or Leakage:
Remove ignition sources. Recover free liquid using an absorbent material (vermiculite, fire retardant, sawdust, etc.).
Waste Disposal Method:
The waste ink may be classified as an ignitable hazardous waste under federal and/or state regulations and should be disposed of at an approved disposal site or facility in accordance with federal, state, and local regulations.

Section X - Transportation Information

<table>
<thead>
<tr>
<th>D.O.T.</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>ID #</th>
<th>Packing Group</th>
<th>Exception may apply</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Combustible liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>Combustible liquid</td>
<td>NA1993 III</td>
<td>III</td>
<td>Reclassification: CFR 49, 173.120 (b) (2)</td>
</tr>
<tr>
<td>L.M.O.</td>
<td>Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>3.3</td>
<td>UN1993 III</td>
<td>III</td>
<td>-</td>
</tr>
</tbody>
</table>

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