XEROX  
Material Safety Data Sheet  
MSDS No: A-02091  
Date: 8/1/95  
Revision: 03/08/00  

Supplier:  
Xerox ColorgrafX Systems, Inc.  
Xerox Canada Ltd.  
Xerox ColorgrafX Systems, Inc.  
Xerox Canada Ltd.  

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

Address:  
5853 Rue Ferrari Ave  
5650 Yonge Street  
San Jose, CA 95138  
North York, Ontario M2M 4G7  

Section I - Product Identification  
Trade Names/Synonyms: 8954/9054 /Turbo Ink, UV Cyan Premix /  
Part No.: WH:26R416, 26R424, 26R457, 26R513  
Auto - Concentrate  
26R605, 26R609, 26R624, 26R633,  
26R649  

Chemical Name: None  

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

<table>
<thead>
<tr>
<th>Ingredients¹</th>
<th>Concentrate</th>
<th>Premix</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoparaffinic Hydrocarbon solvent</td>
<td>85-95%</td>
<td>&gt;97%</td>
<td>64742-48-9</td>
</tr>
<tr>
<td>Methacrylate copolymers and pigments</td>
<td>5-10%</td>
<td>&lt;3%</td>
<td>Trade Secret²</td>
</tr>
</tbody>
</table>

Section II - Emergency and First Aid  

Primary Route of Entry: Inhalation  
Eyes:  
Flush with water for 15 minutes. If irritation persist, call a physician.  
Skin:  
Wash with soap and water. If skin is broken, call a physician.  
Inhalation:  
Remove from exposure.  
Ingestion:  
DO NOT induce vomiting, call a physician immediately.  

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:  
Skin contact may aggravate an existing dermatitis.  

Additional Information:  
None  

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 LC₅₀:  
>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 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 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 800814-6001. ³XEL-Xerox Exposure Limit  

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

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Section IV - Physical Data

Appearance/Odor: Cyan liquid / slight odor
Boiling Point: 160 - 180 °C
Softening Range: N.A.
Melting Point: N.A.
Solubility in Water: Immiscible
Specific Gravity (H2O=1): 0.77
Evaporation Rate: 0.3, (n-Butylacetate = 1)
Vapor Pressure @20°C (mm Hg): 1
Vapor Density (Air=1): 5.0
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 °F (39-42 °C) (T.C.C.)
Flammable Limits: LEL: 0.8% UEL: 7.0%
NFPA 704: 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 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</td>
<td>III</td>
<td>Reclassification: CFR 49,173.120 (b) (2)</td>
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<tr>
<td></td>
<td>Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>Combustible liquid</td>
<td>UN1993</td>
<td>III</td>
<td>Limited Quantity: CFR 49, 173.150</td>
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<td></td>
<td>Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
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<td>UN1993</td>
<td>III</td>
<td>Y309</td>
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<tr>
<td></td>
<td>Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>3.3</td>
<td>UN 1993</td>
<td>III</td>
<td>-</td>
</tr>
</tbody>
</table>

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