

**XEROX****Material Safety Data Sheet****MSDS No:** A-02093**Date:** 8/1/95**Revision:** 03/08/00**Supplier:**

Xerox ColorgrafX Systems, Inc.  
5853 Rue Ferrari Ave  
San Jose, CA 95138

Xerox Canada Ltd.  
5650 Yonge Street  
North York, Ontario M2M 4G7

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

**Trade Names/Synonyms:** 8954/9054/ Turbo Ink, UV Yellow Premix / Auto-Concentrate  
**Part No.:** WH:26R414, 26R422, 26R455, 26R511  
26R603, 26R607, 26R622, 26R631,  
26R647

**Chemical Name:** None**WHMIS Status:** Class B/Div. 3, Combustible liquid

<u>Ingredients</u>	<u>(% by wt.)</u>		<u>CAS No.</u>
	Concentrate	Premix	
Isoparaffinic Hydrocarbon solvent	85-95%	>97%	64742-48-9
Methacrylate copolymers and pigments	5-10%	<3%	Trade Secret <sup>1</sup>

**Section II - Emergency and First Aid****Primary Route of Entry:**

Inhalation

**Eyes:**

Flush with water for 15 minutes. If irritation persists, 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 LD<sub>50</sub>:** >10 g/kg (rats) practically non-toxic.**Dermal LD<sub>50</sub>:** >3.2 g/kg (rabbits) practically non-toxic.**Inhalation LC<sub>50</sub>:** >2000 ppm (rats, 4 hr exposure) practically non-toxic.

&gt;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-, WP<sub>2</sub>, Mouse Lymphoma, In Vitro Sister Chromatid Exchange, Dominant Lethal and Micronucleus Assays.**Carcinogens:** None present.**Aquatic LC<sub>50</sub>:** None available.**TLV:** N.E.**PEL:** N.E.**STEL:** N.E.**Ceiling:** N.E.**XEL<sup>2</sup>:** 200 ppm (isoparaffinic hydrocarbon solvent)**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.

<sup>1</sup>These ingredients are claimed as a trade secret by a Xerox supplier. They are registered under the New Jersey Trade Secret number 800814-6003. <sup>2</sup>XEL-Xerox Exposure Limit.

**Section IV - Physical Data**

<b>Appearance/Odor:</b>	Yellow liquid / slight odor	<b>Softening Range:</b>	N.A.
<b>Boiling Point:</b>	160 - 180 °C	<b>Melting Point:</b>	N.A.
<b>Solubility in Water:</b>	Immiscible	<b>Specific Gravity (H<sub>2</sub>O=1):</b>	0.77
<b>Evaporation Rate:</b>	0.3, (n-Butylacetate = 1)	<b>Vapor Pressure @20°C (mm Hg):</b>	1
<b>Vapor Density (Air=1):</b>	5.0	<b>pH:</b>	N.A.
<b>Volatile:</b>	85% (Wt.) N.A. % (Vol.)	<b>Volatile Organics:</b>	VOC 660 g/l

**Section V - Fire and Explosion Data**

<b>Flash Point (Method Used):</b>	102-107 °F (39-42 °C) (T.C.C.)
<b>Flammable Limits:</b>	LEL: 0.8% UEL: 7.0%
<b>NFPA 704:</b>	Health - 1, Fire -2, Reactivity - 0
<b>Extinguishing Media:</b>	Foam, dry chemical, CO <sub>2</sub> , water fog.
<b>Special Fire Fighting Procedures:</b>	Use air-supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor or fumes.
<b>Fire and Explosion Hazards:</b>	Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.

**Section VI -Reactivity Data**

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

**Section VII - Special Protection Information**

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

**Section VIII - Special Precautions**

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

**Section IX- Spill, Leak, and Disposal Procedures**

<b>For Spills or Leakage:</b>	Remove ignition sources. Recover free liquid using an absorbent material (vermiculite, fire retardant, sawdust, etc.).
<b>Waste Disposal Method:</b>	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**

	<u>Proper Shipping Name</u>	<u>Hazard Class</u>	<u>ID #</u>	<u>Packing Group</u>	<u>Exception may apply</u>
D.O.T.	Combustible liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)	Combustible liquid	NA1993	III	Reclassification: CFR 49,173.120 (b) (2)
I.A.T.A	Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)	3	UN1993	III	Limited Quantity: CFR 49, 173.150 Y309
I.M.O.	Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)	3.3	UN1993	III	-