

# Material Safety Data Sheet



**Supplier:** Xerox Canada Ltd.  
Xerox Corporation 5650 Yonge Street  
Rochester, NY 14644 North York, Ontario M2M 4G7

**MSDS No.:** A-2080  
**Issue Date:** 10/25/93  
**Revision Date:** 7/17/08

**Telephone Number(s):** *Safety Information:* (800) 828-6571  
*Health Emergency:* (585) 422-2177  
*Transportation Emergency (Chemtrec):* (800) 424-9300

## Section 1: Product Identification

**Trade Name/Synonyms:** ColorgrafX UV Toner Magenta Concentrate **Part No.:** 26R299, 6R878

**Chemical Name:** None

**WHMIS Status:** Class B/Div. 3, Combustible liquid and Class D/Div. 2B, Toxic

<u>Ingredients (% by wt.)<sup>1,2</sup></u>	<u>CAS No.</u>
Isoparaffinic hydrocarbon solvent (>85%)	64742-48-9
Co-polymers	Trade Secret <sup>3</sup>
Pigment	Trade Secret <sup>3</sup>

## Section 2: 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 3: Toxicology and Health Information

*This material has been evaluated by Xerox Corporation. The toxicity data noted below is for isoparaffinic hydrocarbons and similar inks.*

**Oral LD<sub>50</sub>:** >10 g/kg (rats) practically non-toxic.

**Dermal LD<sub>50</sub>:** >3.2 g/kg (rabbit) practically non-toxic

**Inhalation LC<sub>50</sub>:** >2000 ppm/4 hr (rat); >1800 ppm/6hr (monkey) practically non-toxic.

**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

### 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.

<sup>1</sup>The product *does not* contain a 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. <sup>2</sup>All ingredients contained within this product are listed on the Canadian Domestic Substances List (DSL). <sup>3</sup>These ingredients are claimed as a trade secret by a Xerox supplier. They are registered in the following states under the respective trade secret numbers: New Jersey, 800814-5072p, 800814-5074p, 800814-5069p, 800814-5017p, 800814-5004p. They are not considered Hazardous as defined by WHMIS and a Trade Secret Exemption is not required for Canada. <sup>4</sup>XL - Xerox Exposure Limit.

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

**TLV:** N.E.  
**PEL:** N.E.  
**STEL:** N.E.  
**Ceiling:** N.E.  
**XL<sup>4</sup>:** 200 ppm (isoparaffinic hydrocarbon solvent)

600E77500

**Section 4 –Physical Data**

<b>Appearance/Odor:</b>	Magenta 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 (mm Hg):</b>	@20°C 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 5 – Fire and Explosion Data**

<b>Flash Point (Method Used):</b>	102 <sup>o</sup> -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-1
<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 6 –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 like liquid chlorine, concentrated oxygen, sodium or calcium hypochlorite.

**Section 7 – Special Protection Information**

<b>Respiratory Protection:</b>	None when used as intended with Xerox Engineering Systems products.
<b>Eye Protection:</b>	None when used as intended with Xerox Engineering Systems products.
<b>Protective Gloves:</b>	Neoprene or nitrile gloves for prolonged or repeated skin contact.
<b>Other:</b>	None when used as intended with Xerox Engineering Systems products.

**Section 8 – Special Precautions**

<b>Handling and Storage:</b>	Keep containers closed when not in use. Do not handle or store near heat, sparks, flame or strong oxidants.
<b>Conditions to Avoid:</b>	Avoid breathing vapors. Avoid prolonged or repeated skin contact.

**Section 9 – 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 toner 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 10 – Transportation Information**

	<u>Proper Shipping Name</u>	<u>Hazard Class</u>	<u>ID #</u>	<u>Packing Group</u>	<u>Exception may apply</u>
DOT	Combustible Liquid, n.o.s. (Isoparaffinic hydrocarbon)	Combustible liquid	NA1993	III	Reclassification : CFR 49, 173.120 (b) (2)* and 173.150 (f) (2)
IATA	Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon)	3	UN1993	III	Y309
IMO	Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon)	3	UN1993	III	N.D.

\*Note: This product has been reclassified as a combustible liquid under DOT when shipped domestically by land only. As a combustible liquid, this product is not regulated by DOT when shipped in non-bulk quantities of less than 119 gallons and meet the packaging requirements of CFR 49, 173.203

This product is exempt from the Transportation of Dangerous Goods (section 1.33), when transported in suitable containers less than 450 liters and no t by air.