

XEROX**Material Safety Data Sheet****MSDS No:** A-02090**Date:** 8/1/95**Revision:** 03/08/00**Supplier:**Xerox ColorgrafX Systems, Inc.
5853 Rue Ferrari Ave
San Jose, CA 95138Xerox 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 Black Premix/
Auto-Concentrate**Part No.:** WH: 26R413, 26R421, 26R454,
26R510, 26R602, 26R606, 26R621,
26R630, 26R646**Chemical Name:** None**WHMIS Status:** Class B/Div. 3, Combustible liquid**Ingredients¹**Isoparaffinic Hydrocarbon solvent
Methacrylate copolymers and pigments
Carbon Black**(% by wt.)**

Concentrate	Premix
85-95%	>97%
5-10%	<3%
<4%	<1%

CAS No.64742-48-9
Trade Secret²
1333-86-4**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 (>1000ppm) 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.**TLV:** N.E.**PEL:** N.E.**STEL:** N.E.**Ceiling:** N.E.**XL³:** 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.

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 800814-6004. ³XL-Xerox Exposure Limit.

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

Section IV - Physical Data

Appearance/Odor:	Black liquid / slight odor	Softening Range:	N.A.
Boiling Point:	160 - 180°C	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, CO ₂ , 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

	<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) Limited Quantity: CFR 49, 173.150
I.A.T.A	Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)	3	UN1993	III	Y309
I.M.O.	Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)	3.3	UN1993	III	-