XEROX Material Safety Data Sheet

Distributor: Xerox Engineering Systems
5853 Rue Ferrari Avenue
San Jose, California 95138

Date: 3/8/84
Revision: 1/5/95

Safety Information: (800) 828-6571
Health Emergency: (716) 422-2177
Transportation Emergency: (716) 422-1230

Section I Product Identification

Trade Names/Synonyms: ECP-Magenta Toner Concentrate for ECP 42 Part No.: 4803.16, 4T-215-16

Chemical Name: None
WHMIS status: B:3 Combustible

Ingredients
Isoparaffinic hydrocarbon solvent (80.90%)  64742-48-9
Polymer Trade Secret
Pigment Trade Secret

Section II Emergency and First Aid

Eyes: Flush thoroughly with water. Remove contact lenses, if any; then flush with water again.
Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water.
Inhalation: Remove from exposure. Observe for any difficulty in breathing.
Ingestion: Dilute stomach contents with several glasses of water. Do NOT induce vomiting.

Primary Route of Entry: Inhalation
Symptoms of Overexposure: Ingestion poses maximum risk of severe respiratory distress by aspiration, as well as central nervous depression. Intentional inhalation may result in abnormal heart rhythms, respiratory arrest, central nervous system toxicity.

Medical Conditions Generally Aggravated by Exposure: None when used as described by product literature.

Additional Information: Call physician. See Section VIII.

Section III Toxicology and Health Information

This material has been evaluated by Xerox Corporation.

Oral LD50: >10g/kg (rat) T.L.V.: N.E.
Dermal LD50: >3.2g/kg (rabbit) PEL: N.E.
Inhalation LC50: >2000ppm/4hr (rat) STEL: N.E.
Inhalation LC50: >1800 ppm/6hr (monkey) Ceiling: N.E.

Eye Irritation: Not an irritant.
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.
Teratogenicity: Rat inhalation at 900 ppm not fetotoxic or teratogenic.
Carcinogens: None present
Aquatic LC50: None available

Additional Information: Some of the information noted above is based on toxicity data for similar toners.

1The 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 40 CFR Part 372. Its ingredients do not appear on the California Proposition 65 List. 2All ingredients contained within this product are listed on the Canadian Domestic Substances List (DSL). 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: Massachusetts, 99-125-010; New Jersey, 800814-5000; 800814-5005; 800814-5006; and New York, 210. They are not considered Hazardous as defined by WHMIS and a Trade Secret Exemption is not required for Canada. 3The manufacturer recommends an exposure limit of 300 ppm. 4XEL-Xerox Exposure Limit

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

600E32870
Trade Name: ECP-Magenta Toner Concentrate for ECP 42  
MSDS No.: A-2019

Section IV Physical Data

Appearance/Odor: Magenta 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 (mm Hg): @20°C 1

Vapor Density (Air=1): 5.0  
Vapor Pressure (mm Hg): N.A.

Volatile N.A.% (Wgt) 80.100% (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 LEL: 0.8% Limits UEL: 7.0%

Extinguishing Media: Foam, dry chemical, C02, 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 Protectmn: None, when used as intended with Xerox Engineering Systems products.

Eye Protectmn: None, when used as intended with Xerox Engineering Systems products.

Protective Gloves: Neoprene or nitrile gloves for prolonged or repeated skin contact.

Other: None, when used as intended with Xerox Engineering Systems products.

Section VIII Special Precautions

Handling and Storage: Keep container closed. Avoid handling near heat, strong light, sparks, oxygen 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 absorbant material (vermiculite, fire retardant, sawdust, etc.).

Waste Disposal Method: 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 X Transportation Information

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<th>D.O.T</th>
<th>Proper Shipping Name</th>
<th>Hazard Class</th>
<th>UN ID #</th>
<th>Packing Group</th>
<th>Exception</th>
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<td>Combustible liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>Combustible liquid</td>
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<td>III</td>
<td>Reclassification: CFR 49,173.120(b)(2)</td>
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