Material Safety Data Sheet

Supplier: Xerox Canada Ltd.
Xerox Corporation 5650 Yonge Street
Rochester, NY 14644
Telephone #(s): Safety Information: (800) 828-6571
Health Emergency: (585)422-2177
Transportation Emergency(Chemtrec): (800) 424-9300

Section I - Product Identification

Trade Names/Synonyms: CE-Cyan Toner Premix/Premix Plus for CE3224
CE3236, CE3244, VPC and CE3000 Series,
Starter & Replenisher, 8900 Series, 8910
Part No.: C107C*, 4824-1-1* 6004*
4824-32-6* 6014*
4864-1-1* 26R124
4864-16-6* 26R324
4864-32-6* 26R328
Chemical Name: None

Ingredients (% by wt.)
1. Isoparaffinic hydrocarbon solvent (>98%)
2. Polymer
3. Pigment

CAS No. 64742-48-9
Trade Secret 1
Trade Secret 2

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. The toxicity data noted below is for isoparaffinic hydrocarbons and similar inks.

Oral LD50: >10 g/kg (rat) practically non-toxic. TLV: N.E.
Dermal LD50: >3.2 g/kg (rabbit) practically non-toxic. PEL: N.E.
Inhalation LC50: >2000 ppm/4 hr (rat); >1800 ppm/6 hr (monkey) practically non-toxic. STEL: N.E.
Eye Irritation: May cause irritation. Ceiling: N.E.
Skin Sensitization: Not a sensitizer. XEL1: 200 ppm (isoparaffinic hydrocarbon solvent)
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 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.

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 40CFR 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) 3These 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, 99-125-008; New Jersey, 800814-5000, 800814-5007; and New York, 213. They are not considered Hazardous as defined by WHMIS and a Trade Secret Exemption is not required for Canada. 4XEL-Xerox Exposure Limit.

N.A. - Not Applicable  N.E. -None Established  N.D. -Not Determined  600E30090
**Section IV - Physical Data**

**Appearance/Odor:** Cyan liquid / slight odor  
**Boiling Point:** 160 -180 °C  
**Solubility in Water:** Immiscible  
**Evaporation Rate:** 0.3, (n-Butylacetate = 1)  
**Vapor Density (Air=1):** 5.0  
**Volatile:** N.A. % (Wt.) ~100% (Vol.)

**Softening Range:** N.A.  
**Melting Point:** N.A.  
**Specific Gravity (H2O=1):** 0.77  
**Vapor Pressure @20°C (mm Hg):** 1  
**pH:** N.A.  
**Volatile Organics:** 730 g/l

**Section V - Fire and Explosion Data**

**Flash Point (Method Used):** 102⁰-107⁰F (39-42⁰C) T.C.C.  
**Flammable Limits**  
- LEL: 0.8%, UEL: 7.0%  
**NFPA 704:** Health - 1, Fire - 2, Reactivity - 1  
**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/calcium hypochlorite.

**Section VII - Special Protection Information**

**Respiratory Protection:** None when used as intended with Xerox Engineering Systems products.  
**Eye Protection:** 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 absorbent 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**

<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>Exceptions may apply</th>
</tr>
</thead>
<tbody>
<tr>
<td>Combustible liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>Combustible liquid</td>
<td>NA 1993</td>
<td>III</td>
<td>Reclassification: 49CFR 173.120 (b) (2)* and 173.150 (f) (2)</td>
<td></td>
</tr>
<tr>
<td>Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>Flammable liquid</td>
<td>3</td>
<td>UN 1993</td>
<td>III</td>
<td>Y309 and 910 Consumer Commodity</td>
</tr>
<tr>
<td>Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>Flammable liquid</td>
<td>3</td>
<td>UN 1993</td>
<td>III</td>
<td>3.4 Limited Quantities</td>
</tr>
</tbody>
</table>

*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 49CFR 173.203 This product is exempt from the Canadian Transportation of Dangerous Goods regulations (section 1.33), when transported in containers less than 450 liters and not by air.

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