Section I - Product Identification

Trade Names/Synonyms: ECP-Process Black, Type H, Type V80 Toner Concentrate for ECP 42, 800, 900, 1100, 1200, 1600, 2000, 7222, 7236, 7244, 7422, 7424, 7436, 7444, 8222, 8224, 8236, 8242, 8172, 8272, 8500 Series, 8600 Series

Part No.: WH: 5R622, 26R224, 26R227, 26R228, 26R251, 26R374

Chemical Name: None

WHMIS Status: Class B/Div. 3, Combustible liquid

Ingredients (% by wt) 1,2

- Isoparaffinic hydrocarbon solvent (80-90%)
- Polymer
- Pigment

CAS No.

- 64742-48-9
- Trade Secret 3
- Trade Secret 3

Section II - Emergency and First Aid

Primary Route of Entry: Inhalation

Inhalation: Medical Conditions Generally Aggravated by Exposure: Skin contact may aggravate an existing dermatitis.

Eye: 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: DO NOT induce vomiting, call a physician immediately.

Ingestion: Remove from exposure.

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. XEL: 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-, WP3, Mouse Lymphoma, In Vitro Sister Chromatid Exchange, Dominant Lethal and Micronucleus Assays.

Carcinogens: None present

Aqueous 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.

N.A. - Not Applicable  N.E. - None Established  N.D. - Not Determined  600E32850
**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:** N.A. % (Wt.) 80-100% (Vol.)
- **Volatile Organics:** 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 - 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>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>D.O.T</td>
<td>Combustible liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>Combustible liquid</td>
<td>NA 1993</td>
<td>III</td>
</tr>
<tr>
<td>I.A.T.A</td>
<td>Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>3</td>
<td>UN 1993</td>
<td>III</td>
</tr>
<tr>
<td>I.M.O</td>
<td>Flammable liquid, n.o.s. (Isoparaffinic hydrocarbon mixture)</td>
<td>3</td>
<td>UN 1993</td>
<td>III</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.

600E32850