**Section I - Product Identification**

**Trade Names/Synonyms:** Spectrum Black Toner Premix for C2552, C2558, C2562, C2568

**Chemical Name:** None

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

**Ingredients % by wt.**

- Isoparaffinic hydrocarbon solvent (>98%)
- Polymer
- Pigment

**CAS No.**

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

**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.

**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.

**Dermal LD₅₀:** >3.2 g/kg (rabbit) practically non-toxic.

**Inhalation LC₅₀:** >2000 ppm/4 hr (rat); >1800 ppm/6 hr (monkey) practically non-toxic.

**Eye Irritation:** May cause irritation.

**Skin Sensitization:** Not a sensitizer.

**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.

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1 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. ² All ingredients contained within this product are listed on the Canadian Domestic Substances List (DSL). ³ 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, 99-125-005; New Jersey, 800814-5000, 800814-5001, 800814-5002, 800814-5003; and New York, 212. They are not considered Hazardous as defined by WHMIS and a Trade Secret Exemption is not required for Canada. ⁴ XEL-Xerox Exposure Limit.
Trade Name: Spectrum Process Black Toner Premix for C2552, C2562, C2558, C2568  
MSDS No.: A-2056

Section IV - Physical Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance/Odor</td>
<td>Black liquid / slight odor</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>160° - 180°C</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Immiscible</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>0.3, (n-Butylacetate = 1)</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>5.0</td>
</tr>
<tr>
<td>Softening Range</td>
<td>N.A.</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N.A.</td>
</tr>
<tr>
<td>Specific Gravity (H₂O=1)</td>
<td>0.77</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>@ 20°C 1</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Immiscible</td>
</tr>
<tr>
<td>Specific Gravity (H₂O=1)</td>
<td>0.77</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>160° - 180°C</td>
</tr>
<tr>
<td>Evaporation Range</td>
<td>0.3, (n-Butylacetate = 1)</td>
</tr>
<tr>
<td>Specific Density</td>
<td>5.0</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Immiscible</td>
</tr>
<tr>
<td>Cloud Point</td>
<td>N.A.</td>
</tr>
<tr>
<td>Volatile</td>
<td>100% (Vol.)</td>
</tr>
<tr>
<td>Volatile Organics</td>
<td>VOC 730 g/l</td>
</tr>
</tbody>
</table>

Section V - Fire and Explosion Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used)</td>
<td>102°-107°F (39-42°C) T.C.C.</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>LEL: 0.8%, UEL: 7.0%</td>
</tr>
<tr>
<td>NFPA 704</td>
<td>Health - 1, Fire - 2, Reactivity - 1</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Foam, dry chemical, CO₂, water fog.</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>Use air-supplied breathing equipment for enclosed areas. Cool exposed containers with water spray. Avoid breathing vapor or fumes.</td>
</tr>
<tr>
<td>Fire and Explosion Hazards</td>
<td>Do not mix or store with strong oxidants like liquid chlorine or concentrated oxygen.</td>
</tr>
</tbody>
</table>

Section VI - Reactivity Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Hazardous Polymerization</td>
<td>Will Not Occur</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Fumes, smoke and carbon monoxide in the case of incomplete combustion.</td>
</tr>
<tr>
<td>Incompatibility (Materials to Avoid)</td>
<td>Strong oxidants such as liquid chlorine, concentrated oxygen, sodium/calcium hypochlorite</td>
</tr>
</tbody>
</table>

Section VII - Special Protection Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory Protection</td>
<td>None when used as intended with Xerox Engineering Systems products.</td>
</tr>
<tr>
<td>Eye Protection</td>
<td>None when used as intended with Xerox Engineering Systems products.</td>
</tr>
<tr>
<td>Protective Gloves</td>
<td>Neoprene or nitrile gloves for prolonged or repeated skin contact.</td>
</tr>
<tr>
<td>Other</td>
<td>None when used as intended with Xerox Engineering Systems products.</td>
</tr>
</tbody>
</table>

Section VIII - Special Precautions

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handling and Storage</td>
<td>Keep container closed. Avoid handling near heat, strong light, sparks, oxygen flames, strong oxidants.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Avoid breathing vapors. Avoid prolonged or repeated skin contact.</td>
</tr>
</tbody>
</table>

Section IX - Spill, Leak, and Disposal Procedures

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>For Spills or Leakage</td>
<td>Remove ignition sources. Recover free liquid using an absorbent material (vermiculite, fire retardant, sawdust, etc.).</td>
</tr>
<tr>
<td>Waste Disposal Method</td>
<td>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.</td>
</tr>
</tbody>
</table>

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>L.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>L.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 CFR 49, 173.203. This product is exempt from the Transportation of Dangerous Goods (section 2.23.2(1), when transported in containers less than 454 liters and not by air.

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