Section I - Product Identification

Trade Names/Synonyms: ECP- Yellow Toner Premix/ Concentrate
Part No.: 4812-1-1* 26R20
for ECP 42
4812-2* 26R234
4812-16* 26R20-01
4812-16-6* 26R233
4812-32* 26R350
4812-32-6* 26R235

Chemical Name: None
CAS No. Isoparaffinic hydrocarbon solvent (80-100%) 64742-48-9
Polymer Trade Secret 3
Pigment Trade Secret 3

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.
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.
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.

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

600E31390
Section IV - Physical Data

Appearance/Odor: Yellow 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.)

Physical Data:

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: 660-730 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)</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)</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)</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. This product is not regulated by DOT when shipped in non-bulk quantities of less than 119 gallons. 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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