**XEROX Material Safety Data Sheet**

**Distributor:** Xerox Corporation  
Rochester, NY 14644  
**Telephone # (s):**  
Safety Information: (800) 828-6571  
Health Emergency: (716) 422-2177  
Transportation Emergency (Chemtrec): (800) 424 - 9300

**Section I - Product Identification**

**Trade Names/Synonyms:** DocuPrint C55/DocuPrint C55 XL/  
DocuPrint NC60 Yellow/Cyan/Magenta Developer  
**Part No.:** WH: 5R596, 5R620  
XL: 5R90216, 5R90227

**Chemical Name:** None

**WHMIS Statue:** This is not a WHMIS controlled product.

**Ingredients (% by wt.)**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ferrite powder (90-100%)</td>
<td>66402-68-4</td>
</tr>
<tr>
<td>Polyester Resin (5-10%)</td>
<td>117581-13-2</td>
</tr>
<tr>
<td>Yellow pigment (0.1-1%)</td>
<td>4531-49-1</td>
</tr>
<tr>
<td>Cyan pigment (0.1 – 1%)</td>
<td>147-14-8</td>
</tr>
<tr>
<td>Magenta pigment (0.1 – 1%)</td>
<td>980-26-7</td>
</tr>
</tbody>
</table>

**Section II - Emergency and First Aid**

**Primary Route of Entry:**

- Inhalation
- Eyes:
  - Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust.
- Skin:
  - Wash with soap and water. None when used as described by product literature.

**Inhalation:**

- Remove from exposure.

**Ingestion:**

- Dilute stomach contents with several glasses of water.

**Section III - Toxicology and Health Information**

*The toxicology of this developer has been evaluated by Xerox Corporation. Data presented in this section is based on the test results of the toner or similar reprographic toners. The major component is not included due to its toxicological inertness and large particle size.*

**Oral LD₅₀**: >5 g/kg (rats)  
**TLV:** 10 mg/m³ (total dust)

**Dermal LD₅₀**: >5 g/kg (rabbits)  
**PEL:** 15 mg/m³ (total dust)

**Inhalation LC₅₀:** >5 mg/l (rats, 4 hr exposure)  
**STEL:** N.E.  
>20 mg/l (calculated 1 hr exposure)  
**Ceiling:** N.E.

**Eye Irritation:** Non-irritating (rabbits)  
**XEL¹:** 2.5 mg/m³ (total dust)

**Skin Sensitization:** Non-sensitizing (guinea pigs; human patch)  
**Mutagenicity:** No mutagenicity detected in Ames assay.

**Skin Irritation:** Non-irritating (rabbits; human patch)  
**Carcinogens:** None known.

**Aquatic LC₅₀:** >1000 mg/l (fathead minnows, rainbow trout)  
**XEL¹:** 0.4 mg/m³ (respirable dust)

**Additional Information:** The results obtained from a Xerox sponsored Chronic Toner Inhalation Study, demonstrated no lung change in rats for the lowest (1mg/m³) exposure level (i.e. the level most relevant to potential human exposure). A very slight degree of fibrosis was noted in 25% of the animals at the middle (4mg/m³) exposure level, while a slight degree of fibrosis was noted in all the animals at the highest (16mg/m³) exposure level. These findings are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged period. This study was conducted using a special test toner to comply with EPA testing protocol. The test toner was ten times more respirable than commercially available Xerox toner, and would not be functionally suitable for Xerox equipment.

¹XEL-Xerox Exposure Limit
Section IV - Physical Data

Appearance/Odor: Yellow/cyan/magenta granular / slight
Boiling Point: N.A.
Solubility in Water: Insoluble
Evaporation Rate: N.A.
Vapor Density (Air=1): N.A.
Volatile: N.A. % (Wt)  N.A. % (Vol)

Softening Range: >780 °C
Melting Point: N.A.
Specific Gravity (H_2O=1): approx. 5
Vapor Pressure (mm Hg): N.A.

Section V - Fire and Explosion Data

Flash Point (Method Used): N.A.
Flammable Limits: LEL: N.A., UEL: N.A.
NFPA 704: Health- 0, Fire- 1, Reactivity- 0
Extinguishing Media: Water, dry chemical, carbon dioxide or foam.
Special Fire Fighting Procedures: Avoid inhalation of smoke. Wear protective clothing and self-contained breathing apparatus.
Fire and Explosion Hazards: None.

Section VI - Reactivity Data

Stability: Stable
Hazardous Polymerization: Will Not Occur
Hazardous Decomposition Products: Products of combustion may be toxic. Avoid breathing smoke.
Incompatibility (Materials to Avoid): None known

Section VII - Special Protection Information

Respiratory Protection: None required when used as intended.
Eye Protection: None required when used as intended.
Protective Gloves: None required when used as intended.
Other: None

Section VIII - Special Precautions

Handling and Storage: None
Conditions to Avoid: Avoid prolonged inhalation of excessive dust.

Section IX - Spill, Leak, and Disposal Procedures

For Spills or Leakage: Sweep up or vacuum spill.
Waste Disposal Method: This material is not a hazardous waste according to Federal Regulation 40 CFR 261 when disposed. State and Local requirements may be more restrictive. Consult with the appropriate State and Local waste disposal authorities for additional information.

Section X - Transportation Information

DOT Proper Shipping Name: N.A. (Not Regulated)
Hazard Classification: N.A.
ID Number: N.A.
Packing Group: N.A.