Material Safety Data Sheet

Manufacturer: Xerox Corporation
Rochester, New York 14644

Emergency Tel. No.: (716) 422-2177
Information Tel. No.: (800) 828-6571

Section I - Product Identification

Trade Names/Synonyms: 1065 U-Mag/5018/5028/5046 Developer
Chemical Name: None

Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS No.</th>
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<tbody>
<tr>
<td>Carrier (&gt;95%):</td>
<td>7439-89-6</td>
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<tr>
<td>Steel Powder (&gt;99%)</td>
<td>24937-97-1</td>
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<tr>
<td>Fluoropolymer (&lt;1%)</td>
<td>9003-55-8</td>
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<td>Toner (&lt;5%):</td>
<td>1309-37-1</td>
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<tr>
<td>Styrene/Butadiene Copolymer (75-80%)</td>
<td>1333-86-4</td>
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<tr>
<td>Iron Oxide (15-20%)</td>
<td>3843-16-1</td>
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<tr>
<td>Carbon Black (&lt;5%)</td>
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<tr>
<td>Quaternary Ammonium Salt (&lt;2%)</td>
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</tbody>
</table>

Section II - Emergency and First Aid

Eyes: Flush with water.
Skin: Wash with soap and water.
Inhalation: Remove from exposure.
Ingestion: Dilute stomach contents with several glasses of water.
Primary Route of Entry: Inhalation
Symptoms of Overexposure: Minimal respiratory tract irritation may occur as with exposure to large amounts of any non-toxic dust.
Medical Conditions Generally Aggravated by Exposure: None when used as described by product literature.
Additional Information: See Sections V and VII.
Further information on file in Poisindex.

Section III - Toxicology and Health Information

This material has been evaluated by Xerox Corporation.

Oral LD₅₀: > 10 g/kg (Rats) practically non-toxic.
Dermal LD₅₀: > 2 g/kg (Rabbits) practically non-toxic.
Inhalation LC₅₀: > 5 mg/l (Rats) practically non-toxic.¹
Eye Irritation: Not an irritant
Skin Sensitization: Not a sensitizer
Skin Irritation: Not an irritant
Human Patch: Non-irritating, non-sensitizing
Mutagenicity: No mutagenicity detected in Ames, Micronucleus, CHO/HGPRT and Yeast Mitotic Recombination Assays.
Carcinogens: None present
Aquatic LC₅₀: > 500 mg/l (Fathead Minnows) non-toxic

Additional Information: Some of the information noted above is test data of similar products. In a Xerox sponsored chronic inhalation study in rats using a special test toner, there were no lung changes at all in the lowest exposure level (1 mg/m³), the most relevant level to potential human exposures. A very slight degree of fibrosis was noted in 25% of the animals at the middle exposure level (4 mg/m³) while a slight degree of fibrosis was observed at the highest exposure level (16 mg/m³) in all animals. These findings are attributed to "lung overloading," a generic response to excessive amounts of any dust retained in the lungs for a prolonged interval. The special test toner was ten times more respirable than commercially available Xerox toner to comply with EPA testing protocol and would not function properly in Xerox equipment.

¹Not tested to the highest dose or concentration ²XEL - Xerox Exposure Limit
Section IV - Physical Data

Appearance/Odor: Black, granular / faint odor
Boiling Point: N.A.
Solubility in Water: N.A.
Evaporation Rate: N.A.
Vapor Density (Air = 1): N.A.
Volatile N.A. % (Wgt.) N.A. % (Vol.)
Softening Range: N.A.
Melting Point: N.A.
Specific Gravity (H₂O = 1): N.A.
Vapor Pressure (mm Hg): N.A.
pH = N.A.

Section V - Fire and Explosion Data

Flash Point (Method Used): N.A.
Extinguishing Media: Water, Foam, Dry Chemical
Special Fire Fighting Procedures: Avoid inhalation of smoke.
Fire and Explosion Hazards: Toner is a combustible powder. When dispersed in air, it can form explosive mixtures.

Flammable Limits
LEL: N.A.
UEL: N.A.

Section VI - Reactivity Data

Stability:
Unstable
Stable X

Hazardous Polymerization:
May Occur Will Not Occur X

Hazardous Decomposition Products: Products of combustion are toxic. Avoid breathing smoke.
Incompatibility (Materials to Avoid): None

Section VII - Special Protection Information

Respiratory Protection: None required when used as intended in Xerox equipment.
Eye Protection: None required when used as intended in Xerox equipment.
Protective Gloves: None required when used as intended in Xerox equipment.
Other: For use other than normal customer - operating procedures (such as in bulk toner processing facilities), goggles and respirators may be required. For more information, contact Xerox.

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: If spilled, sweep up or vacuum.
Waste Disposal Method: No special disposal procedures. Insure conformity with federal, state or local regulations.

Section X - Transportation Information

DOT Proper Shipping Name: Not Regulated
Hazard Classification: N.A.
ID Number: N.A.