Section I - Product Identification

Trade Names/Synonyms: 1025/1038 Black Developer
Part No.: WH: 5R142, 5R500*

Chemical Name: None

WHMIS Status: This is not a WHMIS controlled product.

Ingredients (% by wt.)

<table>
<thead>
<tr>
<th>Carrier:  (94-99%)</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cu-Zn ferrite powder</td>
<td>66402-68-4</td>
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</tbody>
</table>

Toner: (1-6%)
See appropriate toner MSDS

Section II - Emergency and First Aid

Primary Route of Entry:
Inhalation
Eyes: Flush with water.
Skin: Wash with soap and water.

Inhalation:
Remove from exposure.

Ingestion:
Dilute stomach contents with several glasses of water.

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:
None.

Section III - Toxicology and Health Information

This material has been evaluated by Xerox Corporation. The toxicity data noted below is based on test results for similar xerographic materials.

Oral LD₅₀: >5 g/kg (rats) practically non-toxic.
Dermal LD₅₀: >5 g/kg (rabbits) practically non-toxic.
Inhalation LC₅₀: >5 mg/l (rats, 4 hr exposure) practically non-toxic.
>20 mg/l (calculated 1 hr exposure) non-poisonous, DOT.

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, Pol A+/A-, WP₂, and Micronucleus Assays.
Carcinogens: None present

Aquatic LC₅₀: >1000 mg/l (fathead minnows) non-toxic.

TLV: 10 mg/m³ (total dust)
PEL: 15 mg/m³ (total dust)
STEL: N.E.

N.A. - Not Applicable  N.E. - None Established  N.D. - Not Determined  600E57520
Section IV - Physical Data

Appearance/Odor: Black granular / faint odor
Boiling Point: N.A.
Softening Range: N.A.
Melting Point: N.A.
Solubility in Water: N.A.
Specific Gravity (H₂O=1): ~5
Evaporation Rate: N.A.
Vapor Pressure (mm Hg): N.A.
Vapor Density (Air=1): N.A.
Volatile: N.A. % (Wt.) N.A. % (Vol.)

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, foam, dry chemical.
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

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: 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: This material is not a hazardous waste according to Federal Regulation 40 CFR 261 when disposed. State and Local requirements however, 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: Not Regulated
Hazard Classification: N.A.
ID Number: N.A.
Packing Group: N.A.

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