# 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:** 550/660 Developer  
**Part No.:** 5R31, 5R55, 910420-00  
**Chemical Name:** None

### Ingredients

<table>
<thead>
<tr>
<th>Description</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrier (&gt;95%):</td>
<td>85-83-6</td>
</tr>
<tr>
<td>Coated Sand (&gt;99%)</td>
<td></td>
</tr>
<tr>
<td>Methylmethacrylate, Styrene, and Vinyl triethoxysilane (&lt;1%)</td>
<td>25214-28-2</td>
</tr>
<tr>
<td>Red Pigment (&lt;0.02%)</td>
<td></td>
</tr>
<tr>
<td>Toner (&lt;5%):</td>
<td></td>
</tr>
<tr>
<td>Styrene/Acrylate Polymer (65-70%)</td>
<td>25667-93-0</td>
</tr>
<tr>
<td>Pentaerythritol Tetrabenozoate (15-20%)</td>
<td>4196-86-5</td>
</tr>
<tr>
<td>Carbon Black (10-15%)</td>
<td>1333-86-4</td>
</tr>
<tr>
<td>Zinc Stearate (&lt;5%)</td>
<td>557-05-1</td>
</tr>
</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 tested and evaluated by Xerox Corporation. When used as intended, it does not represent a health or safety hazard.*

<table>
<thead>
<tr>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
<th>Eye Irritation</th>
<th>Skin Sensitization</th>
<th>Skin Irritation</th>
<th>Human Patch</th>
<th>Mutagenicity</th>
<th>Carcinogens</th>
<th>Aquatic LC50</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt;5 g/kg (Rats) practically non-toxic</td>
<td>&gt;5 g/kg (Rabbits, Guinea Pigs) practically non-toxic</td>
<td>&gt;1.69 mg/l (Rats) practically non-toxic</td>
<td>Not an irritant</td>
<td>Not a sensitizer</td>
<td>Not an irritant</td>
<td>Non-irritating, non-sensitizing</td>
<td>No mutagenicity detected in Ames, WP2, and Micronucleus Assays</td>
<td>None present</td>
<td>&gt;500 mg/l (Fathead Minnows) non-toxic</td>
<td>The information noted above is toxicity data for toner.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TLV</th>
<th>PEL</th>
<th>XEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 mg/m³ (Total Dust)</td>
<td>5 mg/m³ (Respirable Dust)</td>
<td>15 mg/m³ (Total Dust)</td>
</tr>
</tbody>
</table>

*XEL - 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
Flammable Limits
LEL: N.A.
UEL: N.A.
Special Fire Fighting Procedures: Avoid inhalation of smoke.
Fire and Explosion Hazards: Toner is a combustible powder. When dispersed in air, it forms explosive mixtures.

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: None

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.