

XEROX

Material Safety Data Sheet

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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

<u>Ingredients</u>	<u>CAS No.</u>
Carrier (>95%):	-----
Coated Sand (>99%)	
Methylmethacrylate, Styrene, and	25214-28-2
Vinyl triethoxysilane (<1%)	85-83-6
Red Pigment (<0.02%)	
Toner (<5%):	
Styrene/Acrylate Polymer (65-70%)	25667-93-0
Pentaerythritol Tetrabenzoate (15-20%)	4196-86-5
Carbon Black (10-15%)	1333-86-4
Zinc Stearate (<5%)	557-05-1

### 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.*

Oral LD<sub>50</sub>: >5 g/kg (Rats) practically non-toxic.

Dermal LD<sub>50</sub>: >5 g/kg (Rabbits, Guinea Pigs) practically non-toxic.

Inhalation LC<sub>50</sub>: >1.69 mg/l (Rats) practically non-toxic.

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, WP<sub>2</sub>, and Micronucleus Assays.

Carcinogens: None present

Aquatic LC<sub>50</sub>: >500 mg/l (Fathead Minnows) non-toxic.

Additional Information: The information noted above is toxicity data for toner.

TLV: 10 mg/m<sup>3</sup> (Total Dust)  
5 mg/m<sup>3</sup> (Respirable Dust)  
PEL: 15 mg/m<sup>3</sup> (Total Dust)  
5mg/m<sup>3</sup> (Respirable Dust)  
XEL: 5 mg/m<sup>3</sup> (Total Dust)

<sup>1</sup>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 (H<sub>2</sub>O = 1): N.A.

Vapor Pressure (mm Hg): N.A.

pH = N.A.

**Section V - Fire and Explosion Data**

Flash Point (Method Used): N.A.

Flammable LEL: N.A.

Limits UEL: 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 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.