Material Safety Data Sheet

Section I - Product Identification


Chemical Name: None

WHMIS: This is not a WHMIS controlled product

Ingredients (% by wt.):

Toner (80-90%):
- Polyester resin (90-95%) 122970-65-4
- Carbon Black (3-6%) 1333-86-4
- Indene/propenyltoluene copolymer (<3%) 68131-99-7

Carrier (10-20%):
- Mn-Mg-Sr Ferrite (>95%) 65997-18-4

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:
See Sections V and VII.

Section III - Toxicology and Health Information

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

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

Eye Irritation: Not an irritant ¹
Skin Sensitization: Not a sensitizer ¹
Skin Irritation: Not an irritant, ¹
Human Patch: Non-irritating, non-sensitizing¹
Mutagenicity: No mutagenicity detected in Ames Assay
Carcinogens: None present
Aquatic LC50: >500 mg/l (fathead minnows) non-toxic.¹

¹Based on toxicity data of similar materials and ingredients. ²XEL-Xerox Exposure Limit
N.A. - Not Applicable  N.E. -None Established  N.D. -Not Determined
Section IV - Physical Data

Appearance/Odor: Black powder / faint odor
Boiling Point: N.A.
Softening Range: N.D.
Melting Point: N.A.
Solubility in Water: Negligible
Specific Gravity (H2O=1): ~2
Evaporation Rate: N.A.
Vapor Pressure (mm Hg): N.A.
Vapor Density (Air=1): N.A.
Volatile: N.A.% (Wgt)  N.A. % (Vol.)

Section V - Fire and Explosion Data

Flash Point (Method Used): N.A.
LEL: N.A.  UEL: N.A.
NFPA 704: Health - 0, Fire-1, Reactivity -0
Extinguishing Media: Water, foam, dry chemical, and carbon dioxide.
Special Fire Fighting Procedures: Avoid inhalation of smoke. Wear protective clothing and self-contained breathing apparatus.
Fire and Explosion Hazards: Toner is a combustible powder. Like most organic materials in powder form, it can form explosive mixtures when dispersed in air.

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: 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: Store in cool and dry place. Use with adequate ventilation
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: When disposed, this material is not a hazardous waste according to US Federal Regulation 40 CFR 261. However, State and Local requirements may be more restrictive. Therefore, consultation with the appropriate State and Local waste disposal authorities is advised.

Section X - Transportation Information

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