Section I - Product Identification

Trade Names/Synonyms: 4850/4890 Blue Highlight Color, 4850/4890 Cyan Highlight Color LPS Developer, DocuPrint 92C
Part No.: WH: 502S63252, 502S63992, 5R234*; XCI: 5R549*; RX: 5R90173*, 5R90198*, 5R90199*

Chemical Name: None

WHMIS Status: This is not a WHMIS controlled product

Ingredients (% by wt.): Steel powder (>95%) 7439-89-6, Styrene/butadiene polymer (<5%) 9003-55-8, Blue pigment (<1%) 147-14-8

Section II - Emergency and First Aid

Primary Route of Entry: Inhalation, Eyes, Skin
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.

Inhalation: Remove from exposure.
Ingestion: None.

Section III - Toxicology and Health Information

Oral LD₅₀: >5 g/kg (rats) practically non-toxic. TLV: 10 mg/m³ (total dust)
Dermal LD₅₀: >5 g/kg (rabbits) practically non-toxic. PEL: 15 mg/m³ (total dust)
Inhalation LC₅₀: >5 mg/l (rabbits, 4 hr exposure) practically non-toxic. STEL: N.E.
>20 mg/l (calculated 1 hr exposure) non-poisonous, DOT. Ceiling: N.E.

Eye Irritation: Not an irritant. XEL: 2.5 mg/m³ (total dust)
Skin Sensitization: Not a sensitizer. 0.4 mg/m³ (respirable dust)
Skin Irritation: Not an irritant.
Human Patch: Non-sensitizing, non-irritating.
Mutagenicity: No mutagenicity detected in Ames Assay.
Carcinogens: None present
Aquatic LC₅₀: >1000 mg/l (fathead minnows) non-toxic.

Additional Information: The results obtained from a Xerox sponsored, Chronic Toner Inhalation Study, demonstrated no lung change in rats for the lowest (1mg/m3) exposure level (i.e. the level most relevant to potential human exposure). A very slight degree of fibrosis was noted in 25% of the animals at the middle (4mg/m3) exposure level, while a slight degree of fibrosis was noted in all the animals at the highest (16 mg/m3) exposure level. These findings are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged period. This study was conducted using a special test toner to comply with EPA testing protocol. The test toner was ten times more respirable than commercially available Xerox toner, and would not be functionally suitable for Xerox equipment.

*Cancelled

1XEL-Xerox Exposure Limit
N.A. - Not Applicable N.E. -None Established N.D. -Not Determined 600E57580
XEROX Trade Name: 4850/4890 Blue Highlight Color, 4850/4890 Cyan Highlight Color LPS Developer, DocuPrint 92C

MSDS No.: B-0266

Section IV - Physical Data

Appearance/Odor: Blue granular/ faint odor
Boiling Point: N.A.
Solubility in Water: Negligible
Evaporation Rate: N.A.
Vapor Density (Air=1): N.A.
Volatile: N.A. % (Wt.) N.A. % (Vol.)

Softening Range: N.A.
Melting Point: N.A.
Specific Gravity (H2O=1): N.A.
Vapor Pressure (mm Hg): N.A.

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 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: This material is not a hazardous waste according to Federal Regulation 40 CFR 261 when disposed. State and Local waste disposal requirements however, may be more restrictive. Consult with the appropriate State and Local authorities for specific information. Incinerate only in a closed container.

Section X - Transportation Information

DOT Proper Shipping Name: N.A. (Not Regulated)
Hazard Classification: N.A.
ID Number: N.A.
Packing Group: N.A.
600E57580