

Material Safety Data Sheet

MSDS No: P-01
 Date: 10/28/99
 Revision: 2/24/06

Manufacturers:

Oakville Colour Toner Plant
 1333 N. Service Road East
 Oakville, Ontario, Canada L6J 5A8

Fuji Xerox Co.Ltd,
 2-17-22 Akasaka,
 Minato-Ku,Tokyo, Japan

Distributor:

Xerox Corporation
 Rochester, NY 14644

Telephone # (s):

Safety Information: (800) 828-6571
 Health Emergency: (585) 422-2177
 Transportation Emergency(Chemtrec): (800) 424-9300

Dundalk Color Toner Plant, Xerox Technology Park, Dublin Road
 Dundalk, County Louth, Ireland

Section I - Product Identification

Trade Names/Synonyms: DocuColor 12/ Document Centre Color Series 50/ DocuColor 2045 /
 DocuColor 2060/DocuColor 5252 Digital Color Press/ **DocuColor**
5000 Digital Press/ DocuColor 7000 Digital Press/
 8000 Digital Press/DocuColor 6060Black Dry Ink

Part No.: WH: 6R945, 6R975, 6R1049
 6R1247, **XE: 6R1251**, 6R90280, 6R90289,
 6R90346 **XC: 6R1199**

Chemical Name: None

WHMIS: This is not a WHMIS controlled product

<u>Ingredients (% by wt.)</u>	<u>CAS No.</u>
<u>Toner (80-90%):</u>	
Polyester resin (90-95%)	122970-65-4
Carbon Black (3-6%)	1333-86-4
Indene/propenyltoluene copolymer (<3%)	68131-99-7
<u>Carrier (10-20%):</u>	
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: >5mg/l (rats, 4 hr exposure) practically non-toxic¹.
 >20 mg/l (rats, calculated 1 hr exposure) non-poisonous, DOT.

Eye Irritation: Not an irritant¹

Skin Sensitization: Not a sensitizer¹

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

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 (5 mg/m³) exposure level, while a slight degree of fibrosis was observed 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 EF testing protocol. The test toner was ten times more respirable than commercially available Xerox toner, and would not be functionally suitable for Xerox equipment

TLV: 10mg/m³ (total dust)

PEL: 15 mg/m³ (total dust)
 5 mg/m³ (respirable dust)

STEL: N.E.

Ceiling: N.E.

XEL²: 2.5 mg/m³ (total dust)
 0.4 mg/m³ (respirable dust)

¹Based on toxicology 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	Softening Range:	N.D.
Boiling Point:	N.A.	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.	pH:	N.A.
Volatile:	N.A.% (Wgt) 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, 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.