

Material Safety Data Sheet

Date: 01/05/00

Manufacturer:
Xerox Corporation
Rochester, N.Y. 14644

Revision: 04/30/03
Telephone #'s Safety Information.: (800) 828-6571
Health Emergency: (585) 422-2177
Transportation Emergency (Chemtrec): (800) 424 - 9300

Section I - Product Identification

Trade Names/Synonyms: CopyCentre C65/C75/C90 Document Centre
240DC/ST, 255DC/ST/LP, 265DC/ST/LP, Document
Centre 455/465/460/ 470/ 480/490 DocuPrint
65/75, DocuPrint 90/DocuTech 65/DocuTech 2000
Series 75/DocuTech 2000 Series Model
90/8850/Wide Format 510 DP/WorkCentre Pro
65/75/90 Dry Ink

Part No. : WH: 6R821,
6R849,6R989, 6R1006, 6R1007, 6R1008
RX: 6R90252, 6R90302, 6R90321
FX: 6R850

Chemical Name: None

WHMIS Status: This is not a WHMIS controlled product.

Ingredients (% by wt.)

Bisphenol A propylene oxide fumarate polymer (60-75%)
Iron powder (5-25%)
Polyolefin (<5%)
Carbon black (<5%)
Silica, treated (<5%)

CAS No.

39382-25-7
7439-89-6
9003-07-0
1333-86-4
68909-20-6

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:

None.

Section III - Toxicology and Health Information

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

Oral LD₅₀: >16 g/kg (rats) practically non-toxic.
Dermal LD₅₀: >2.3 g/kg (rabbits) practically non-toxic.
Inhalation LC₅₀: >5 mg/l (rats, 4 hr exposure) practically non-toxic.
>20 mg/l (rats, calculated 1 hr exposure) non-poisonous, DOT.
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 Assay.
Carcinogens: None present¹
Aquatic LC₅₀: >1000 mg/l (rainbow trout) non-toxic

TLV: 10 mg/m³ (total dust)
PEL: 15 mg/m³ (total dust)
5 mg/m³ (respirable dust)
STEL: N.E.
Ceiling: N.E.
XEL¹: 2.5 mg/m³ (total dust)
0.4 mg/m³ (respirable dust)

Additional Information: In a Xerox sponsored chronic inhalation study in rats using a special test toner, there were no lung changes at all in the lowest exposure level (1 mg/m³), the most relevant level to potential human exposures. A very slight degree of fibrosis was noted in 25% of the animals at the middle exposure level (4 mg/m³) while a slight degree of fibrosis was observed at the highest exposure level (16mg/m³) in all animals. These findings are attributed to "lung overloading," a generic response to excessive amounts of any dust retained in the lungs for a prolonged interval. The special test toner was ten times more respirable than commercially available Xerox toner to comply with EPA testing protocol and would not function properly in Xerox equipment.

Xerox

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255DC/ST/LP, 265DC/ST/LP, Document Centre 455/465/460/ 470/ 480/490
DocuPrint 65/75, DocuPrint 90/DocuTech 65/DocuTech 2000 Series
75/DocuTech 2000 Series Model 90/8850/Wide Format 510 DP/WorkCentre
Pro 65/75/90 Dry Ink

MSDS No: P-05
replaces A13

Section IV - Physical Data

Appearance/Odor:	Black granular/ faint odor	Softening Range:	N.A.
Boiling Point:	N.A.	Melting Point:	N.A.
Solubility in Water:	N.A.	Specific Gravity (H₂O=1)	~5
Evaporation Rate:	N.A.	Vapor Pressure (mm Hg):	N.A.
Vapor Density (Air=1):	N.A.	pH:	N.A.
Volatile:	N.A. % (Wt.) 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:	N.D.
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.

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 requirements however, may be more restrictive. Consult with the appropriate State and Local waste disposal authorities for additional information.

Section X - Transportation Information

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