

Manufacturer:
Xerox Corporation
Rochester, N.Y. 14644

Telephone #'s Safety Information.: (800) 828-6571
Health Emergency: (716) 422-2177
Transportation Emergency(Chemtrec)(800) 424-9300

Section I - Product Identification

Trade Names/Synonyms: Phaser 790/DocuColor 2006CP Black, Cyan, Yellow, Magenta Toner and Developer CRU
Part No. : **WH:** 6R994, 6R995, 6R996, 6R997, 6R1009, 6R1010, 6R1011, 6R1012, 13R574, 13R575
EU: 6R90307, 6R90308, 6R90309, 6R90310, 6R90317, 6R90318, 6R90319, 6R90320, 13R90140, 13R90141

Chemical Name: None

OSHA/WHMIS Status: This is not a WHMIS controlled product.

<u>Ingredients (% by wt.)</u>	<u>CAS No.</u>
Toner:	---
Polyester resins (60-95%)	---
Carbon Black or non-hazardous color pigment (2-35%)	---
Amorphous silicas (2-5%)	68611-44-9 / 67762-90-7
Developer:	
Frits, chemicals (>95%)	65997-18-6
Toner (<5%)	

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 toxicity data noted below is based on test results of this toner or similar xerographic toner materials,

Oral LD₅₀:	>5 g/kg (rats) practically non-toxic.	TLV:	10 mg/m ³ (total dust)
Dermal LD₅₀:	>5g/kg (rabbits) practically non-toxic.	PEL:	15 mg/m ³ (total dust)
Inhalation LC₅₀:	>5 mg/l (rats, 4 hr exposure) practically non-toxic.		5 mg/m ³ (respirable dust)
	>20 mg/l (rats, calculated 1 hr exposure) non-poisonous, DOT.	STEL:	N.E.
Eye Irritation:	Not an irritant	Ceiling:	N.E.
Skin Sensitization:	Not a sensitizer	XEL¹:	2.5 mg/m ³ (total dust)
Skin Irritation:	Not an irritant.		0.4 mg/m ³ (respirable dust)
Human Patch:	Non-irritating, non-sensitizing.		
Mutagenicity:	No evidence of mutagenicity detected in Ames Assay .		
Carcinogens:	None present		
Aquatic LC₅₀:	>1000 mg/l (fathead minnows, rainbow trout) non-toxic		

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.

¹XEL - Xerox Exposure Limit N.A. - Not Applicable N.E. - None Established N.D. - Not Determined

Section IV - Physical Data

Appearance/Odor:	Variable color/ faint odor	Softening Range:	N.A.
Boiling Point:	N.A.	Melting Point:	N.A.
Solubility in Water:	N.A.	Specific Gravity (H₂O=1)	~1
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:	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:	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

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:	Sweep up or vacuum spilled toner and carefully transfer into sealable waste container. Sweep slowly to minimize generation of dust during clean up. If a vacuum is used, the motor must be rated as dust tight. A conductive hose bonded to the machine should be used to reduce static buildup (See Section V). Residue can be removed with soap and cold water. Garments may be washed or dry-cleaned, after removal of loose toner
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.
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