

XEROX**Material Safety Data Sheet****MSDS No.:** A6**Date:** 7/19/96**Revision:** 7/17/07**Manufacturer:**
Fuji Xerox Co. Ltd.
3835 Akasaka, Minato-Ku
Tokyo, JapanXerox Corporation
100 North Mustang Road
Oklahoma City, OK 73126**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:** 212/214, DocuPrint 4517/N17/N17b
Black Toner Cartridge**Part No. :WH:** 113R95, 113R180, 113R181,
113R285, 113R287
XL: 113R182, 113R286
OEM: B0212R, M1690C**Chemical Name:** None**WHMIS Status:** This is not a WHMIS controlled product.**Ingredients (% by wt.)****CAS#**

Styrene/n-Butyl acrylate copolymer (<60%)

25767-47-9

Iron oxide (<50%)

1309-38-2

Polypropylene wax (<3%)

9003-07-0

Amorphous silica (<2%)

67762-90-7

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

Additional Information:

None

Section III - Toxicology and Health Information*This material has been evaluated by Xerox Corporation. Based on testing similar xerographic toner materials.***Oral LD₅₀:** > 5 g/kg (rats) practically non-toxic.**Dermal LD₅₀:** > 5 g/kg (rabbits) practically non-toxic.**Inhalation LD₅₀:** >20 mg/l (calculated 1 hr exposure) non-poisonous, DOT.**Eye Irritation:** N.D.**Skin Sensitization:** Not a-sensitizer.**Skin Irritation:** Not an irritant.**Human Patch:** Non-irritating, non-sensitizing.**Mutagenicity:** No mutagenicity detected in Ames Assays.¹**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 (16mg/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.¹ Test results specific to this product. ² XEL - Xerox Exposure Limit

N.A. - Not Applicable N.E. - None established N.D. - Not Determined

XEROX**Trade Name:** 212/214, DocuPrint 4517/N17/N17b
Black Toner Cartridge**MSDS No:** A6**Section IV - Physical Data**

Appearance/Odor:	Black powder / faint odor	Softening Range:	85° C to 100° C
Boiling Point:	N.A.	Melting Point:	N.D
Solubility in Water:	Negligible	Specific Gravity (H₂O=1)	~ 1.7 g/ml
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, dry chemical, carbon dioxide or foam.
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, when dispersed in air it can form explosive mixtures.

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 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: None

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 a 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. State and Local waste disposal requirements may however, 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)	ID Number:	N. A.
Hazard Classification:	N. A.	Packing Group:	N. A.