

XEROX

Material Safety Data Sheet

MSDS No: A-0127

Date: 1/12/94

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Distributor: Xerox Corporation
Rochester, NY 14644

Telephone #(s):

*Safety Information: (800) 828-6571
Health Emergency: (716) 422-2177
Transportation Emergency:(716) 422-1230*

Section I - Product Identification

Trade Names/Synonyms: XEROX 4900/4915 Color Laser Printer Yellow Dry Ink/
Starter Kit

Part No.: 6R746; RX: 6R90220
May be contained in: 8R4098

Chemical Name: None
WHMIS Status: This is not a WHMIS controlled product.

<u>Ingredients</u>	<u>(% by wt)</u>	<u>CAS No.</u>
Trade Secret ¹	Trade Secret ¹	Trade Secret ¹

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.

Oral LD₅₀: >5000 mg/kg (rats) practically non-toxic.
Dermal LD₅₀: Not determined
Inhalation LC₅₀: >5.40 mg/l (rats) practically non-toxic.
>22.0 mg/l (calculated 1 hr exposure) non-poisonous,
DOT.

TLV: 10mg/m³ (total dust)
PEL: 15 mg/m³ (total dust)
5 mg/m³ (respirable dust)
STEL: None established
Ceiling: None established
XEL³: 2.5 mg/m³ (total dust)
0.4 mg/m³ (respirable dust)

Eye Irritation: Not an irritant.
Skin Sensitization: Not a sensitizer.
Skin Irritation: Not an irritant.
Human Patch: Non-irritating/non-sensitizing
Mutagenicity: Negative in the Ames Assay.
Carcinogens: None present
Aquatic LC₅₀: >1,000 mg/l (rainbow trout)²

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 one-fourth 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.

¹The New Jersey Trade Secret Registration Number 11557, covers the entire formulation for the product(s) specified by this sheet. ²Based on testing of the waste dry ink mixture. ³XEL-Xerox Exposure Limit

Section IV - Physical Data

Appearance/Odor:	yellow powder/ faint odor	Softening Range:	N.D.
Boiling Point:	N.A.	Melting Point:	N.D.
Solubility in Water:	Insoluble	Specific Gravity (H ₂ O=1):	1.1
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: 35.2 g/m ³ UEL: N.D.
Extinguishing Media:	Water spray, 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:	Dry ink 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:	CO, CO ₂ , NO _x , Phenol derivatives		
Incompatibility (Materials to Avoid):	Strong acids or alkaline		

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:	Wear protective gloves for prolonged skin contact. Wash skin thoroughly in case of skin contact.
Conditions to Avoid:	Avoid prolonged inhalation of excessive dust.

Section IX- Spill, Leak, and Disposal Procedures

For Spills or Leakage:	Respirator recommended. 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 dry ink.
Waste Disposal Method:	This material is not a hazardous waste according to Federal Regulation 40 CFR 261. State and 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.