Xerox  MATERIAL SAFETY DATA SHEET

Manufacturer: Xerox Corporation, P. O. Box 1000, Wilsonville, Oregon 97070

MSDS No.    OPB-6517
Date:       November 1, 1999
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SECTION 1- PRODUCT IDENTIFICATION

Trade Names  Tektronix Part No.
Black Toner Cartridge  016-1803-01, 016-1807-01
Cyan Toner Cartridge  016-1800-00, 016-1804-00
Magenta Toner Cartridge  016-1801-00, 016-1805-00
Yellow Toner Cartridge  016-1802-00, 016-1806-00
Color upgrade kit  016-1844-00

Product Use: Tektronix Phaser ® 750 and 750L color printers

SECTION 2 - INFORMATION ON INGREDIENTS

Ingredients
Toners are a proprietary blend of resins and pigments, encased in a cartridge.

SECTION 3 - HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE: Toner powders are encased in a cartridge. Minimal exposure through inhalation or skin contact is expected when used as intended.

POTENTIAL HEALTH EFFECTS: Health effects from this product are expected to be negligible, when product is used as intended.

Immediate Effects:
Inhalation: Minimum irritation to respiratory tract, as for any non-toxic dust.
Skin: Expected to be low hazard to skin, when used as intended.
Eye: May cause mild irritation.
Ingestion: Not an expected route of exposure.

Chronic Effects: None known or expected.
SIGNs AND SYMPTOMs OF EXPOSURE: Minor irritation to respiratory tract, skin, and eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

SECTION 4 - FIRST AID MEASURES

INHALATION: Unlikely route of exposure. In the event of exposure, remove person to fresh air. Seek medical attention if symptoms occur.
EYES: If particles get into eye, flush thoroughly with water. Seek medical attention if symptoms occur.
SKIN: Wash thoroughly with water. Seek medical attention if symptoms of irritation occur.
INGESTION. Seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: Not applicable.
FIRE & EXPLOSION HAZARDS: These toners will burn. Like most organic powders, explosive mixtures can form when powder is dispersed in air.
EXTINGUISHING MEDIA: Use CO₂, dry chemical, foam, or water.
FIRE FIGHTING INSTRUCTIONS: Avoid inhalation of smoke. As for any fire, wear protective clothing and self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK: Toners are encased in a cartridge. However, in case of breakage, toner powders may be cleaned up with a broom or vacuum. Sweep slowly to minimize dust generation. If a vacuum is used, the motor must be dust tight. Clean up residue if necessary with soap and water. Wash or dry clean garments after removing loose toner.

SECTION 7 - HANDLING AND STORAGE

HANDLING: No special precautions
STORAGE: Avoid high temperatures.

SECTION 8 - EXPOSURE CONTROL - PERSONAL PROTECTION

No special protection indicated when used as intended.
TLV/PEL: Black toner contains carbon black, which has an OSHA Permissible Exposure Limit (PEL) of 3.5 mg/m³ (milligrams per cubic meter of air), as an eight-hour time-weighted average. The ACGIH Threshold Limit Value (TLV) is also 3.5 mg/m³.
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Black, blue, red, or yellow powders.
ODOR: None.
SOLUBILITY: Not water soluble.

SECTION 10 - STABILITY AND REACTIVITY

STABILITY: Stable.
INCOMPATIBILITY WITH OTHER MATERIALS: Strong acid or alkaline materials.
HAZARDOUS POLYMERIZATION: Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS: During a fire, toxic gases may be generated by thermal decomposition or combustion.

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY: Expected to have low acute oral toxicity, as determined by standard laboratory tests performed on very similar toners.
CARCINOGENICITY: Not listed by NTP or OSHA. Black toner contains carbon black, which has been classified by the International Agency for Research on Cancer (IARC) as a class 2B carcinogen, possibly carcinogenic to humans. However, toners very similar to these have been tested in bacterial assays for mutagenicity (Ames Test) and were found to be not mutagenic.

SECTION 12 - ECOLOGICAL INFORMATION

No known impact.

SECTION 13 - DISPOSAL CONSIDERATIONS

These products are not a RCRA hazardous waste as specified in 40 CFR 261. Dispose in accordance with all federal, state, and local regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT: Not regulated.

SECTION 15 - REGULATORY INFORMATION

TSCA: All components of these toners are listed in the Toxic Substances Control Act inventory as verified by our suppliers.
RCRA: TCLP metals below hazardous waste levels set by EPA.
California Proposition 65: Not regulated.
SARA Extremely Hazardous Substances/313: Not regulated

SECTION 16 - OTHER INFORMATION

Xerox Corporation
PO Box 1000
Mail Stop 60-512
Wilsonville, Oregon 97070-1000
Printer information call: 1-800-835-6100
Safety Information: (800) 828-6571
Health Emergency: (585) 422-2177