

# Xerox MATERIAL SAFETY DATA SHEET

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

Preparation Date: June 16, 2000

## SECTION 1- PRODUCT IDENTIFICATION

### Trade Names

Black Toner Cartridge

Cyan Toner Cartridge

Magenta Toner Cartridge

Yellow Toner Cartridge

Color upgrade kit

### Tektronix Part No.

016-1803-00, 016-1807-00

016-1800-00, 016-1804-00

016-1801-00, 016-1805-00

016-1802-00, 016-1806-00

016-1844-00

**Product Use: Tektronix Phaser<sup>®</sup> 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 CO<sub>2</sub>, 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/m<sup>3</sup> (milligrams per cubic meter of air), as an eight-hour time-weighted average. The ACGIH Threshold Limit Value (TLV) is also 3.5 mg/m<sup>3</sup>.

## **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**

Original preparation date: 11/1/99, JMP

Changed Company Name/Address: 06-16-00

Xerox Corporation

PO Box 1000

Mail Stop 60-512

Wilsonville, Oregon 97070-1000

Printer information call: 1-800-835-6100

MSDS information call: (503) 685-4093