



MATERIAL SAFETY DATA SHEET

TONER CARTRIDGE

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A-SP-ELMD033-AA-0 Rev B

SECTION 1 - PREPARATION/PRODUCT INFORMATION

Manufacturer's Name: Digital Equipment Corporation, Maynard, MA USA

Non-Emergency Phone Number: (508) 496-9242

Emergency Phone Numbers: 800-228-5635 ext.123
[+1] 612-221-3999 ext.123

Preparation Date: May 19, 1995

Supersedes: March 4, 1992

Product Name: Toner Cartridge

Part Number(s): LPS4X-AA, 49-01772-01

Use: PrintServer 40 Printers

SECTION 2 - INGREDIENTS

HAZARDOUS INGREDIENTS	CAS	%	ACGIH TLV	OSHA PEL	CARCINOGEN LIST			SARA 313
					IARC	NTP	OSHA	

None Toner is classified as an article. Toner contains carbon black. See Section 8 for Safe Handling/Preventive Measures.

All ingredients contained in this product are on the U.S. TSCA inventory.

SECTION 3 - PHYSICAL AND CHEMICAL DATA

Boiling Point - Not applicable	Solubility in Water - Insoluble
Vapor Pressure - Not applicable	Percent Volatile - None
Vapor Density - Not applicable	Evaporation Rate - Not applicable
Appearance - Black powder encased	Odor and Odor Threshold - None
Freezing Point - Not applicable	pH - Not applicable
Melting/Softening Point - 130°C-160°C (266°F-320°F)	Specific Gravity - 1.2 (water = 1)

SECTION 4 - FIRE AND EXPLOSION HAZARD

Flash Point - None	Special Fire-Fighting Procedure - None
Auto-Ignition Temperature - Not applicable	Flammable Limits - None
Extinguishing Media - Water, foam, dry chemical, carbon dioxide	Hazardous Combustion Products - Carbon monoxide, carbon dioxide
Unusual Fire or Explosion Hazards - None	

SECTION 5 - REACTIVITY DATA

Stability - Stable

Conditions to Avoid - None

Incompatibility - None

Hazardous Polymerization - None

Hazardous Decomposition Products - Not available

SECTION 6 - HEALTH HAZARD DATA/TOXICOLOGICAL PROPERTIES

Hazard to Humans - Accidental exposure by inhalation may occur. Prolonged high levels of inhalation exposure can lead to accumulation of particles in the respiratory tract. No evidence of cancer has been seen in several studies of carbon black in human populations. Potential exposure under normal use conditions should present no hazard.

Animal Experiment (Based on testing of toner) -**Acute -**Oral LD₅₀- >5 g/kg (practically nontoxic)Dermal LD₅₀- >2 g/kgInhalation LD₅₀- N.D. Toner is nonirritating to the skin and eyes.**Chronic/Other** - Information on sensitization, mutagenicity, and teratogenicity are not available.

IARC concluded that the evidence on carcinogenic potential of carbon black is inadequate.

Additional Information - See Section 8 for Safe Handling/Preventive Measures. Toner contains non-hazardous ingredients and carbon black. A similar toner was found to not be carcinogenic in rats following inhalation exposure.

SECTION 7 - EMERGENCY/FIRST AID PROCEDURE

(Applies to toner.)

If Inhaled - Remove to fresh air. Support breathing if necessary and contact a physician.

If on Skin - Promptly wash skin with soap and water.

If in Eyes - Flush eyes with large quantities of water for at least 15 minutes. If irritation is present after washing, contact a physician.

If Swallowed - Seek immediate medical attention.

SECTION 8 - SAFE HANDLING/PREVENTIVE MEASURES

Personal Protective Equipment - None for normal use. Provide adequate ventilation.

Engineer Control - Not needed

Waste Disposal - No special requirements.

Procedures for Leaks or Spills - Remove loose toner with a High Efficiency Particulate Filter (HEPA) vacuum cleaner.

Work Practices - None

Storage Requirement - Keep containers closed. Store in cool, dry area.

Handling Procedure/Equipment - None

Labelling - None

WHMIS Classification - Not applicable

SECTION 9 - TRANSPORTATION REQUIREMENTS

None