



# MATERIAL SAFETY DATA SHEET

TONER CARTRIDGE  
(BLACK)

Page 2 of 3

A-SP-ELMD076-AA-0

Rev A

---

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

---

No toner spillage occurs in normal operation or handling. Minimize dust generation during cleanup.

---

## SECTION 7 - HANDLING AND STORAGE

---

Engineer Control - None

Work Practices - None

Storage Requirement - Store in dry warehouse at normal ambient temperatures.

Procedure/Equipment - None

Procedures for Leaks or Spills - If spilled, wet wipe or pick up by vacuum cleaner equipped with a hepa filter; remove residue with soap and water.

---

## SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

---

Engineering Measures - None

Personal Protective Equipment - None

---

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES (Toner)

---

Appearance - Fine black powder

Odor and Odor Threshold - Faint odor

pH - Not applicable

Boiling Point - Not applicable

Vapor Pressure - Not applicable

Vapor Density - Not applicable

Melting/Softening Point - 120° C (248° F)

Specific Gravity - 1.2

Flammable Limits - Not available

Explosive Properties - Not available

Partition Coefficient - Not applicable

Oxidizing Properties - Not available

Solubility in Water - Negligible

Percent Volatile - Not applicable

Evaporation Rate - Not applicable

Freezing Point - Not applicable

Flash Point - Not available

Auto-Ignition Temperature - 450° C (842° F)

---

## SECTION 10 - STABILITY AND REACTIVITY (Toner)

---

Stability - Stable

Hazardous Decomposition Products - Carbon monoxide, carbon dioxide

Incompatibility - Strong oxidizing agents

Hazardous Polymerization - Will not occur

Conditions to avoid - Electronic discharge, heat, flame, fire

---

## SECTION 11 - TOXICOLOGICAL INFORMATION (Toner)

---

### Animal Experiment

**Acute** - No data; not expected to be acutely toxic, but may cause eye irritation.

**Chronic/Other** - Based on animal experiments, chronic exposure at high doses of toner may cause respiratory tract irritation and lung fibrosis.

**Additional Information** - Not mutagenic in Ames test.

The ACGIH TLV and OSHA PEL for carbon black is 3.5 mg/m<sup>3</sup>.

*IARC Monograph* - The International Agency for Research on Cancer (IARC) - has concluded that there is sufficient evidence of carcinogenicity in experimental animals from carbon black, which is contained in this product, and insufficient evidence of carcinogenicity in humans. The IARC categorized carbon black as a 2B - possible human carcinogen.

# MATERIAL SAFETY DATA SHEET

TONER CARTRIDGE  
(BLACK)

Page 3 of 3

A-SP-ELMD076-AA-0

Rev A

---

## SECTION 12 - ECOLOGICAL INFORMATION

---

None

---

## SECTION 13 - DISPOSAL INFORMATION

---

Waste Disposal - Dispose of used product in accordance with applicable regulations. Do not incinerate.

---

## SECTION 14 - TRANSPORTATION INFORMATION

---

Proper Shipping Name - None

Hazard Class - None

Identification Number - None

RQ - None

Packing Group - None

Page Number - None

---

## SECTION 15 - REGULATORY INFORMATION

---

Toner ingredients not listed by California *Proposition 65*.

Toner ingredients not on the IARC, OSHA, or NTP carcinogen list.

Carbon black is listed by IARC as a 2B carcinogen.

All ingredients are on U.S. TSCA inventory.

Not listed on SARA Title III.

Not a WHMIS controlled product.

See local requirements.

---

## SECTION 16 - OTHER INFORMATION

---

Disclaimer: Data is the most current known to Digital Equipment Corporation at the time of preparation and is believed to be accurate. No warranty as to its accuracy or completeness is expressed or implied.