

# COMPAQ MATERIAL SAFETY DATA SHEET

TONER CARTRIDGE  
(BLACK)

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A-SP-ELMD002-AA-0

Rev D1

## SECTION 1 - IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

**Product Name:** Toner Cartridge (Black)

**Part Numbers:** LPS2X-AA, 22-00231-01;  
(KIT A), 29-27421-01;  
LPS3X-AA, 22-10690-01

**Distributor's Name:** Compaq Computer Corporation, Marlborough, MA USA

**Emergency Phone Numbers:**

North America 800-228-5635, ext. 123  
Worldwide [+1] 612-221-3999, ext. 123

**Non-Emergency (U.S.) Phone Number:**

(978) 496-9242

**Supersedes Date:** September 24, 1998

**Use:** PrintServer 20/32 Printers

**Preparation Date:** 03-Apr-2002

## SECTION 2 - COMPOSITION/INGREDIENTS

The toner cartridge is classified as an article. Ingredients listed are in the toner.

INGREDIENTS	CAS	%	ACGIH TLV	OSHA PEL
Stryene Acrylic Resin	26655-10-7	85	NA	NA
Carbon Black	1333-86-4	10	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>
Pigment	confidential	5	NA	NA

## SECTION 3 - HAZARD IDENTIFICATION (Toner)

Hazard to Humans - None during normal use.  
Primary Route of Entry - Dermal or inhalation

## SECTION 4 - FIRST-AID MEASURES (Toner)

**If Inhaled** - Remove from exposure.

**If on Skin** - 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** - Dilute by drinking water.

## SECTION 5 - FIRE-FIGHTING MEASURES

Hazardous Combustion Products - Carbon monoxide, carbon dioxide  
Extinguishing Media - Water, dry chemical, foam, carbon dioxide

Unusual Fire or Explosion Hazards - Toner material, like most organic materials in powder form, is capable of creating a dust explosion.  
Special Fire-Fighting Procedure - None

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

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## SECTION 7 - HANDLING AND STORAGE

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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.

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## SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

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Engineering Measures - None

Personal Protective Equipment - None

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

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Appearance - Fine black powder

Odor and Odor Threshold - None

pH - Not applicable

Boiling Point - Not applicable

Vapor Pressure - Not applicable

Vapor Density - Not applicable

Melting/Softening Point - 80° C (176° F)

Specific Gravity - 1.2

Flammable Limits - Not available

Explosive Properties - Not applicable

Partition Coefficient - Not applicable

Oxidizing Properties - Not applicable

Solubility in Water - Negligible, less than 0.1%

Percent Volatile - Not applicable

Evaporation Rate - Not applicable

Freezing Point - Not applicable

Flash Point - Not available

Auto-Ignition Temperature - Not available

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## SECTION 10 - STABILITY AND REACTIVITY (Toner)

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Stability - Stable

Hazardous Decomposition Products - Carbon monoxide, carbon dioxide

Incompatibility - Strong oxidizing agents

Hazardous Polymerization - Will not occur

Conditions to avoid - Temperature above 80° C (176° F), heat, flame, fire

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## SECTION 11 - TOXICOLOGICAL INFORMATION (Toner)

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### 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.

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## SECTION 12 - ECOLOGICAL INFORMATION

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None

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## SECTION 13 - DISPOSAL INFORMATION

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

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## SECTION 14 - TRANSPORTATION INFORMATION

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Proper Shipping Name - None

Hazard Class - None

Identification Number - None

RQ - None

Packing Group - None

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## SECTION 15 - REGULATORY INFORMATION

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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.

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## SECTION 16 - OTHER INFORMATION

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