



MATERIAL SAFETY DATA SHEET

TONER CARTRIDGE (CYAN,
MAGENTA, YELLOW)

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A-SP-ELMD065-AA-0

Rev B

SECTION 1 - IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

Product Name: Toner Cartridge
(Cyan, Magenta, Yellow)

Part Numbers: LNC1X-AB, 22-13086-02;
LNC1X-AC, 22-13086-03;
LNC1X-AD, 22-13086-04

Distributor's Name: Digital Equipment Corporation, Maynard, 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: November 6, 1995

Use: Colorwriter LSR 2000

Preparation Date: September 24, 1998

SECTION 2 - COMPOSITION/INGREDIENTS

This cartridge is classified as an article. The ingredients listed below are used in the toner.

INGREDIENTS	CAS	%	ACGIH TLV	OSHA PEL
Polyester resin	NA	85-95	NA	NA
Pigment (cyan, magenta or yellow)	NA	1-7	NA	NA
Titanium dioxide	13463-67-7	<2	NA	NA

SECTION 3 - HAZARD IDENTIFICATION (Toner)

Hazard to Humans - None during normal use.

Primary Route of Entry - Dermal

SECTION 4 - FIRST-AID MEASURES (Toner)

If Inhaled - Not applicable.

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 - Not applicable.

SECTION 5 - FIRE-FIGHTING MEASURES

Hazardous Combustion Products - Carbon monoxide, carbon dioxide

Extinguishing Media - Water, foam, carbon dioxide, dry chemicals

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

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 - None

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 - Colored powder

Odor and Odor Threshold - Slight plastic

pH - Not applicable

Boiling Point - Not applicable

Vapor Pressure - Not applicable

Vapor Density - Not applicable

Melting/Softening Point - 100° C-150° C
(212° F-302° F)

Specific Gravity - 1.0-1.4

Flammable Limits - Not applicable

Explosive Properties - Not applicable

Partition Coefficient - Not applicable

Oxidizing Properties - Not applicable

Solubility in Water - Negligible

Percent Volatile - Not applicable

Evaporation Rate - Not applicable

Freezing Point - Not applicable

Flash Point - Not applicable

Auto-Ignition Temperature - Not applicable

SECTION 10 - STABILITY AND REACTIVITY (Toner)

Stability - Stable

Hazardous Decomposition Products - Carbon monoxide,
carbon dioxide

Hazardous Polymerization - None

Conditions to Avoid - None

Incompatibility - Strong oxidizers

SECTION 11 - TOXICOLOGICAL INFORMATION (Toner)

Animal Experiment (based on testing of toner) -

Acute - Oral LD₅₀ >5000 mg/kg: may be an eye, but not skin, irritant.

Chronic/Other - Not active in the Ames test for mutagenicity.

Additional Information - None

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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 - Not regulated
Hazard Class - None
Identification Number - None
RQ - None
Packing Group - None
Page Number - None

SECTION 15 - REGULATORY INFORMATION

Toner not listed by California *Proposition 65*.
Toner not on the IARC, OSHA, or NTP carcinogen list.
Chemicals listed on SARA Title III.
Chromium (+3) and compounds: 5.0 wt % (maximum)
(As chromium [+3] metal: 0.5 wt % [maximum])
Applicable to Blue toner cartridge only.
Copper and compounds: 5.0 wt % (maximum)
(As copper metal: 1.0 wt % [maximum])
All ingredients are on U.S. TSCA inventory.
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.