



MATERIAL SAFETY DATA SHEET

**RIBBON (BLACK,
CYAN, MAGENTA,
AND YELLOW)**

Page 1 of 3

A-SP-ELMD025-AA-0

Rev C

SECTION 1 - IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

Product Name: Ribbon (Black, Cyan, Magenta,
and Yellow)

Part Number: LA24R-KC, 36-32095-03

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

Emergency (U.S.) Phone Numbers:

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

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

(978) 496-9242

Use: LA324 and LA424 printers

Supersedes Date: March 20, 1995

Preparation Date: December 22, 1997

SECTION 2 - COMPOSITION/INGREDIENTS

A nylon ribbon impregnated with ink (black, cyan, magenta, and yellow).

SECTION 3 - HAZARD IDENTIFICATION

The ribbon cartridge is classified as an article. Under normal conditions of use, no exposure from this product is expected. Most likely accidental route of exposure from this product is dermal or inhalation.

Primary Route of Entry - Contents of cartridge - Dermal, inhalation

SECTION 4 - FIRST-AID MEASURES

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

Special Fire-Fighting Procedure - None
Extinguishing Media - Carbon dioxide, dry chemical,
foam, water

Unusual Fire or Explosion Hazards - None
Hazardous Combustion Products - Carbon monoxide,
carbon dioxide

SECTION 6 - ACCIDENTAL RELEASE MEASURES

None

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**RIBBON (BLACK,
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Page 2 of 3

A-SP-ELMD025-AA-0

Rev C

SECTION 7 - HANDLING AND STORAGE

Engineer Control - Not needed

Work Practices - None

Additional Information - This product should not be handled or stored in a manner that permits the ink to dry out and the ribbon to break apart.

Procedure/Equipment - None

Procedures for Leaks or Spills - Not applicable

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures - None

Personal Protective Equipment - None

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance - Fabric impregnated with ink

Odor and Odor Threshold - None

pH - Not applicable

Boiling Point - Not applicable

Vapor Pressure - Not applicable

Vapor Density - Not applicable

Melting/Softening Point - Not applicable

Specific Gravity - Not applicable

Flammable Limits - Not applicable

Explosive Properties - None

Partition Coefficient - Not applicable

Oxidizing Properties - Not applicable

Solubility in Water - Insoluble

Percent Volatile - None

Evaporation Rate - Not applicable

Freezing Point - Not applicable

Flash Point - Not applicable

Auto-Ignition Temperature - Not applicable

SECTION 10 - STABILITY AND REACTIVITY

Stability - Stable

Hazardous Decomposition Products - Not available

Incompatibility - Oxidizers

Hazardous Polymerization - None

Conditions to Avoid - None

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazard to Humans - None during normal use. Exposure to the ink on ribbon could occur during handling.

Animal Experiment (based on testing of ink) -

Acute - None

Chronic/Other - None

Additional Information - The ACGIH TLV and OSHA PEL for carbon black is 3.5 mg/m³. Ink is classified as Group 3 - not classifiable as to the carcinogenicity to humans. *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

**RIBBON (BLACK,
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Page 3 of 3

A-SP-ELMD025-AA-0

Rev C

SECTION 12 - ECOLOGICAL INFORMATION

None

SECTION 13 - DISPOSAL INFORMATION

Waste Disposal - Dispose of used product in accordance with applicable regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Proper Shipping Name - None
Hazard Class - None
Identification Number - None
RQ - Not applicable
Packing Group - None
Page Number - None

SECTION 15 - REGULATORY INFORMATION

Ribbon not listed by California *Proposition 65*.
Ribbon not on OSHA or NTP carcinogen list.
All ingredients on U.S. TSCA inventory.
Not a WHMIS controlled product.
See local requirements.

SECTION 16 - OTHER INFORMATION

None