



MATERIAL SAFETY DATA SHEET

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

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A-SP-ELMD058-AA-0

Rev B

SECTION 1 - IDENTIFICATION OF SUBSTANCE/COMPANY PREPARING INFORMATION

Product Name: Ribbon (Black, Cyan, Magenta, and Yellow) **Part Numbers:** LA95R-KC, 36-40231-01; LA19R-KC, 36-41148-01

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

Emergency (U.S.) Phone Numbers: 800-228-5635, ext. 123
[+1] 612-221-3999, ext. 123 **Non-Emergency (U.S.) Phone Number:** (978) 496-9242

Supersedes Date: January 27, 1995

Use: DECwriter 65/95/195 printers **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	Unusual Fire or Explosion Hazards - None
Extinguishing Media - Carbon dioxide, dry chemical, foam, water	Hazardous Combustion Products - Carbon monoxide, carbon dioxide

SECTION 6 - ACCIDENTAL RELEASE MEASURES

None

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SECTION 7 - HANDLING AND STORAGE

Engineer Control - Not needed	Procedure/Equipment - None
Work Practices - None	Procedures for Leaks or Spills - Not applicable
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.	Storage Requirement - Store in dry warehouse at normal ambient temperatures.

SECTION 8 - EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures - None	Personal Protective Equipment - None
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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance - Colored fabric	Explosive Properties - None
Odor and Odor Threshold - None	Partition Coefficient - Not applicable
pH - Not applicable	Oxidizing Properties - Not applicable
Boiling Point - Not applicable	Solubility in Water - Insoluble
Vapor Pressure - Not applicable	Percent Volatile - Not applicable
Vapor Density - Not applicable	Evaporation Rate - Not applicable
Melting/Softening Point - Not available	Freezing Point - Not applicable
Specific Gravity - Not applicable	Flash Point - Over 160°C (over 320°F)
Flammable Limits - Not available	Auto-Ignition Temperature - Over 349°C (over 660°F)

SECTION 10 - STABILITY AND REACTIVITY

Stability - Stable	Hazardous Polymerization - None
Hazardous Decomposition Products - Not available	Conditions to Avoid - Not available
Incompatibility - None	

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazard to Humans - None during normal use.

Animal Experiment (based on testing of ink) -

Acute - None

Chronic/Other - None

Additional Information - 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.

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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