



# MATERIAL SAFETY DATA SHEET

RIBBON (BLACK)

Page 1 of 3

A-SP-ELMD026-AA-0

Rev D

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

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**Product Name:** Ribbon (Black)

**Part Number:** LA42R-KA, 36-41021-01

**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:** Printer ribbon

**Supersedes Date:** May 8, 1996

**Preparation Date:** December 22, 1997

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## SECTION 2 - COMPOSITION/INGREDIENTS

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A nylon ribbon impregnated with ink (black).

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## SECTION 3 - HAZARD IDENTIFICATION

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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

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## SECTION 4 - FIRST-AID MEASURES

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**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.

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## SECTION 5 - FIRE-FIGHTING MEASURES

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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

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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None

# MATERIAL SAFETY DATA SHEET

RIBBON (BLACK)

Page 2 of 3

A-SP-ELMD026-AA-0

Rev D

---

## SECTION 7 - HANDLING AND STORAGE

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Engineer Control - None

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

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

Work Practices - None

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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

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Appearance - Colored fabric

Odor and Odor Threshold - None

pH - Not applicable

Boiling Point - Not applicable

Vapor Pressure - ~20°C (~70°F) @ 0 mbar

Vapor Density - Not applicable

Melting/Softening Point - Not applicable

Specific Gravity - Not applicable

Flammable Limits - Not available

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

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## SECTION 10 - STABILITY AND REACTIVITY

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Stability - Stable

Hazardous Decomposition Products - Carbon monoxide, carbon dioxide, aldehyde, ketones

Incompatibility - Strong oxidizers

Hazardous Polymerization - None

Conditions to Avoid - Heat, flame, fire, strong oxidizers

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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**Hazard to Humans** - None during normal use.

**Animal Experiment (based on testing of ink)** -

**Acute** - None

**Chronic/Other** - None

**Additional Information** - Ink is nonirritating and nonsensitizing. Ink contains Solvent Violet 8, which is reported to be carcinogenic to animals according to supplier. 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)

Page 3 of 3

A-SP-ELMD026-AA-0

Rev D

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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.

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## SECTION 14 - TRANSPORTATION INFORMATION

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Proper Shipping Name - None

Hazard Class - None

Identification Number - None

RQ - Not applicable

Packing Group - None

Page Number - None

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## SECTION 15 - REGULATORY INFORMATION

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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.

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## SECTION 16 - OTHER INFORMATION

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None