



MATERIAL SAFETY DATA SHEET
LEXMARK BLACK INK FABRIC RIBBON
P/N 1040990

Revised Date: 01/28/03

Lexmark International, Inc.
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Lexington, Kentucky 40550-1876 Information: 1-859-232-3000
Emergency: 1-859-232-3333

Lexmark has determined that Material Safety Data Sheets are not required for ribbon cartridges. For customer convenience, Lexmark provides product information in this familiar format.

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Name: Lexmark Black Ink Fabric Ribbon
Part Number: 1040990
Additional PN: 1040993, 1040995, 1040998
Chemical Family: Not Applicable
Product Use: IBM 6408/6412

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Oleic Acid	112-80-1	(1)	(1)
Solvent Black #7	8005-02-5	(1)	(1)
Solvent Blue #4	1325-86-6	(1)	(1)
Solvent Violet #8	52080-58-7	(1)	(1)
Naphthenic-Mineral Oil	64742-52-5	5 mg/m ³	5 mg/m ³
Defoamer	64742-88-7	100 ppm	100 ppm
Wetting Agent	6683-19-8	(1)	(1)
Carbon Black	1333-86-4	3.5 mg/m ³ (2)	3.5 mg/m ³ (2)
Lubricating Marine Oil	68911-34-2	(1)	(1)
Butyl Oleate	123-95-5	(1)	(1)
Solvent Orange #3	495-54-5	(1)	(1)

Note: (1) Specific workplace limits have not been established.
(2) Total dust, measured as carbon black.

SECTION 3 - HAZARDS IDENTIFICATION

Primary Routes of Entry: Skin contact, eye contact.
Signs and Symptoms of Exposure: Ink stains on skin.
Medical condition generally aggravated by exposure: May irritate individuals with preexisting skin conditions. Susceptible individuals may have an allergic reaction.

Potential Health Effects

Inhalation:	<u>Short Term Exposure:</u>	May cause irritation. Exposure not probable with intended use.
	<u>Long Term Exposure:</u>	No adverse chronic effects known.
Skin Contact:	<u>Short Term Exposure:</u>	Prolonged staining of skin by ink may cause irritation or dermatitis in sensitive individuals.
	<u>Long Term Exposure:</u>	No adverse chronic effects known.
Eye Contact:	<u>Short Term Exposure:</u>	May cause eye irritation.
	<u>Long Term Exposure:</u>	No adverse chronic effects known.
Ingestion:	<u>Short Term Exposure:</u>	No adverse acute effects known.
	<u>Long Term Exposure:</u>	No adverse chronic effects known.

SECTION 4 - FIRST AID MEASURES

Inhalation: Exposure not probable.

Skin Contact: Wash with soap and water.

Eye Contact: Flush with plenty of water. Remove contact lenses and continue flushing for at least 15 minutes. Seek medical attention if irritation develops and persists.

Ingestion: Rinse mouth with water. Seek medical attention if ribbon substrate has been swallowed.

SECTION 5 - FIRE FIGHTING MEASURES

Fire and Explosion Hazard: None known.

Extinguishing Media: Water, dry chemical, or foam.

Firefighting Procedure: If large number of cartridges is involved, use a self-contained breathing apparatus. Treat like an oil fire. Water is generally ineffective.

Hazardous Combustion Products: Carbon dioxide, carbon monoxide.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Occupational Spill: Not applicable.

SECTION 7 - HANDLING AND STORAGE

Store in a cool dry place.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: None required
Eye Protection: None required
Protective Clothing: None required
Gloves: None required
Respirator: None required

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Description: Nylon fabric impregnated with odorless black ink.
Melting Point: Not Applicable
Specific Gravity: Not Applicable
Water Solubility: Insoluble

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Stable
Conditions to Avoid: None known.
Incompatibilities: Strong acids, bases and other oxidizers.
Hazardous Decomposition: Oxides of carbon, acid gases, low molecular weight organics.
Polymerization: Will not occur.

SECTION 11 - TOXICOLOGY INFORMATION

Acute Toxicity: Not expected to be acutely toxic based on component information.
Chronic Toxicity: Not expected to be chronically toxic based on component information, volume, concentration, and intended use. Pure carbon black, a minor component of this product, has been listed by IARC as group 2B (possible carcinogen). This classification is based on rat "lung particulate overload" studies performed with airborne particulate carbon black. The ink in the ribbon is not listed by **IARC, NTP, or OSHA.**

SECTION 12 - ECOLOGICAL INFORMATION

No data available

SECTION 13 - DISPOSAL INFORMATION

This ribbon is not a listed or hazardous waste in accordance with Federal Regulation 40 CFR Part 261. If discarded, this product would not be a hazardous waste either by listing or by characteristic. Dispose of in accordance with local, state, federal or provincial regulations. Single ribbons may be disposed of in regular trash.

SECTION 14 - TRANSPORTATION INFORMATION

This product is not regulated as a hazardous material by **DOT.**



SECTION 15 - REGULATORY INFORMATION

All ingredients are registered under the **Toxic Substances Control Act (TSCA)** or under polymer exemption.

All ingredients are registered or considered registered (polymers) under **European Inventory of Existing Commercial Chemical Substances (EINECS/ELINCS)**.

All ingredients are registered or considered registered (polymers) under **Canadian Domestic and Nondomestic Substances List (DSL/NDSL)**.

None of the product ingredients is listed as **Emergency Planning and Community Right-to-Know Act (EPCRA)- Section 302: Extremely Hazardous Substances (EHS)**.

This product contains no known materials at levels which the State of California has found to cause cancer, birth defects or other reproductive harm - **California Proposition 65**.

Canada WHMIS: Not a WHMIS controlled product.

SECTION 16 - OTHER

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