

**MATERIAL SAFETY DATA SHEET**

Lexmark International, Inc  
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Lexington, Kentucky 40511-1876

Material Safety Data Sheet  
Emergency: 1-606-232-3333  
Information: 1-606-232-3000

**SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

**Name:** IBM, Black Ribbon  
**Part Number:** 1040888  
**Trade Names/Synonyms:** None  
**Chemical Family:** Not Applicable  
**Product Use:** IBM machines 4693 / 4694 models 3 &4

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

<u>COMPONENT</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>CONCENTRATION</u>
Black Dye	8005-02-5	Not established	15-25%
Fatty Acid	112-80-1	Not established	50-60%
Violet Dye	52080-58-7	Not established	10-20%
Yellow Dye	6358-36-7	Not established	10-20%
Nonyl Phenol	84852-15-3	Not established	1-5%
Nylon Substrate	32131-17-2	Not applicable	Not applicable

NOTE: Hazardous ingredients per OSHA 29 CFR 1910.1200:  
Nonyl phenol, 84852-15-3, is corrosive.  
Yellow dye, 6358-36-7, and Violet dye, 52080-58-7, are dermal irritants

**SECTION 3 - HAZARDS IDENTIFICATION****Potential Health Effects****Inhalation:**

Short Term Exposure: No adverse acute effects known.  
Long Term Exposure: No adverse chronic effects known.



**Skin Contact:**

Short Term Exposure: Prolonged staining of skin by ribbon may cause irritation or dermatitis in sensitive individuals.  
Long Term Exposure: No adverse chronic effects known.

**Eye Contact:**

Short Term Exposure: May cause eye irritation.  
Long Term Exposure: No adverse chronic effects known.

**Ingestion:**

Short Term Exposure: No adverse acute effects known.  
Long Term Exposure: No adverse chronic effects known.

**Carcinogen Status:**

No substance in this ribbon, subject to the reporting requirements, has been found to be a carcinogen or a potential carcinogen as listed by the NTP, IARC or OSHA.

**Medical condition generally aggravated by exposure:**

May irritate individuals with skin problems. Susceptible individuals may have an allergic reaction.

**SECTION 4 - FIRST AID MEASURES**

**Inhalation**

First Aid: No adverse effects known.

**Skin Contact**

First Aid: Immediately wash affected area with soap and water.

**Eye Contact**

First Aid: Immediately wash with running water or shower for 15 minutes.

**Ingestion**

First Aid: Seek medical attention.

**SECTION 5 - FIRE FIGHTING MEASURES**

**Fire and Explosion Hazard:** None known.

**Extinguishing Media:** Water, dry chemical, foam

**Firefighting Procedure:** Use a self contained breathing apparatus. Treat as if an oil fire.  
Water is generally ineffective.

**Hazardous Combustion Products:** Carbon Dioxide, Carbon Monoxide

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Occupational Spill:** Not applicable for this product

## SECTION 7 - HANDLING AND STORAGE

Avoid excessive temperatures during storage. Preferred temperature is normal room temperature.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Limits:** None.

**Ventilation:** None required for intended use in printer.

**Eye Protection:** None required for intended use in printer.

**Clothing:** None required for intended use in printer.

**Gloves:** None required for intended use in printer.

**Respirator:** None required for intended use in printer.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**Description:** Black ink on nylon substrate with mild odor.

**Melting Point:** Not Applicable

**Specific Gravity:** Not established

**Water Solubility:** Insoluble

## SECTION 10 - STABILITY AND REACTIVITY

**Reactivity:** Stable.

**Conditions to Avoid:** None known.

**Incompatibilities:** Strong acids, bases and other oxidizers.

**Hazardous Decomposition:** None expected

**Polymerization:** Will not occur.

## SECTION 11 - TOXICOLOGY INFORMATION

**Carcinogen Status:** No substance in this ribbon, subject to the reporting requirements, has been found to be a carcinogen or a potential carcinogen as listed in NTP, IARC or OSHA.

**Acute Toxicity Level:** None known

**Target Effects:** None known.

## SECTION 12 - ECOLOGICAL INFORMATION

**Environmental impact rating (0-4):** Not Available

**Acute Aquatic Toxicity:** Not Available.

**Degradability:** Not Available.

**Log Bioconcentration Factor (BCF):** Not Available.

**Log Octanol/Water Partition Coefficient:** Not Available.



IBM, BLACK RIBBON  
P/N 1040888

### **SECTION 13 - DISPOSAL INFORMATION**

This ribbon is not classified as hazardous waste. Dispose of in accordance with local, state and federal regulations. For single ribbon /cartridge dispose as regular office trash. For larger quantities disposal by incineration or in a secure landfill is recommended.

### **SECTION 14 - TRANSPORTATION INFORMATION**

The product is not regulated by DOT.

### **SECTION 15 - REGULATORY INFORMATION**

#### **OSHA Hazardous Component, 29 CFR 1910.1200:**

Refer to section 2 for details.

**Toxic Substances Control Act(TSCA):** The listed ingredients of this product are listed on the TSCA inventory.

**SARA Section 313:** This product contains no listed ingredients that are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.

**New Jersey Right to Know Law:** Fabric ribbons are considered articles and are exempt from the labeling law.

**California Proposition 65:** Trace quantities of aniline,62-53-3, and Michler's ketone 90-94-8, are in the ribbon.

**Canadian Environmental Protection Act(CEPA):** All ingredients listed are on the Canadian Domestic Substance List.

**Canada WHMIS:** Not a WHMIS controlled product

### **SECTION 16 - OTHER**

**Disclaimer:** Lexmark believes that the information contained herein is current as of the date of the Material Safety Data Sheet. No warranty as to its accuracy or completeness is expressed or implied.

**MID: 00 1040888**

**Creation Date: 11/08/94**

**Revision Date: N/A**