



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 Nylon Ribbon
Part Number: 1040440
Trade Names/Synonyms: None
Chemical Family: Not Applicable
Product Use: IBM machines 4224,4230,4232

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>	<u>ACGIH TLV</u>	<u>CONCENTRATION</u>
Yellow Dye	6358-36-7	Not established	05-10%
Black Dye	68389-53-7	Not established	15-25%*
Violet Dye	52080-58-7	Not established	01-05%
Fatty Acid	112-80-1	Not established	15-25%*
Propylene Glycol	57-55-6	Not established	01-10%*
Vegetable Oil	8001-22-7	Not established	30-35%
Branched Nonyl Phenol	84852-15-3	Not established	01-05%*
Nylon Substrate	32131-17-2	Not applicable	Not applicable

NOTE: * Components are in a mixture and this is an estimate of each concentration range.

Hazardous ingredients per OSHA 29 CFR 1910.1200:

Branched nonyl phenol is a corrosive.

Yellow Dye, 6358-36-7, is a dermal irritant.

Violet Dye, 52080-58-7, is a dermal irritant.

SECTION 3 - HAZARDS IDENTIFICATION

Potential Health Effects

Inhalation:

Short Term Exposure: No adverse acute effects known.

Long Term Exposure: No adverse chronic effects known.



IBM, BLACK NYLON RIBBON
P/N 1040440

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.



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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: No ingredient listed is listed on the California Proposition 65 Drinking Water Enforcement Act of 1986.

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 1040440

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