



SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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In U.S.A., call: 1-800-IBM-4333

In CANADA, call: 1-800-IBM-4YOU

NAME: IBM 6500 Ultracapacity Printer Ribbon; 6400-I Premium 2000 Printer Ribbon

IBM Part Number: 41U1679, 41U1681, 41U1680, 41U1682, 44D7762

IBM Material Reference Number: 940273460

TRADE NAMES/SYNONYMS: Ink Ribbon

CHEMICAL FAMILY: Ink

PRODUCT USE: Printer Ribbon

CREATION DATE: 8/11/2006

REVISION DATE: 5/30/2007

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

COMPONENT: 9-Octadecenoic acid (Z)-
CAS NUMBER: 112-80-1
EC NUMBER: 204-007-1
PERCENTAGE: Proprietary

COMPONENT: C.I. Solvent Black 7
CAS NUMBER: 8005-02-5
EC NUMBER: 309-912-6
PERCENTAGE: Proprietary

COMPONENT: Aniline
CAS NUMBER: 62-53-3
EC NUMBER: 200-539-3
PERCENTAGE: Proprietary



MATERIAL SAFETY DATA SHEET

COMPONENT: C.I. Solvent Violet 8

CAS NUMBER: 52080-58-7

EC NUMBER: 219-831-7

PERCENTAGE: Proprietary

COMPONENT: 1,3-Benzeneadimine, 4-(phenylazo)-

CAS NUMBER: 495-54-5

EC NUMBER: 207-803-7

PERCENTAGE: Proprietary

COMPONENT: Basic blue 7

CAS NUMBER: 2390-60-5

EC NUMBER: 219-232-0

PERCENTAGE: Proprietary

COMPONENT: 2,2'-Methylenebis(6-t-butyl-4-methylphenol)

CAS NUMBER: 119-47-1

EC NUMBER: 204-327-1

PERCENTAGE: Proprietary

COMPONENT: Paraffin liquid

CAS NUMBER: 8042-47-5

EC NUMBER: 295-550-3

PERCENTAGE: Proprietary

COMPONENT: Carbon Black

CAS NUMBER: 1333-86-4

EC NUMBER: 215-609-9

PERCENTAGE: Proprietary

COMPONENT: Methyl ricinoleate

CAS NUMBER: 141-24-2

EC NUMBER: 205-472-3

PERCENTAGE: Proprietary

SECTION 3 - HAZARDS IDENTIFICATION

NFPA RATINGS (SCALE 0-4): HEALTH=1 FIRE=1 REACTIVITY=0

EC CLASSIFICATION (CALCULATED): Not applicable

EMERGENCY OVERVIEW: Not available

ROUTES OF ENTRY: Not available

IRRITANCY OF PRODUCT: Not available



POTENTIAL HEALTH EFFECTS:

INHALATION: May cause irritation
SHORT TERM EFFECTS: None Known
LONG TERM EFFECTS: None Known

SKIN CONTACT: May cause irritation
SHORT TERM EFFECTS: None Known
LONG TERM EFFECTS: None Known

EYE CONTACT: May cause irritation
SHORT TERM EFFECTS: None Known
LONG TERM EFFECTS: None Known

INGESTION: Not a route of exposure
SHORT TERM EFFECTS: Not Applicable
LONG TERM EFFECTS: Not Applicable

CARCINOGEN STATUS:

OSHA: This product is not an Occupational Safety & Health Agency (OSHA) listed carcinogen.
NTP: This product is not a National Toxicology Program (NTP) listed carcinogen.

NIOSH: This product is not a National Institute of Occupational Safety & Health (NIOSH) listed carcinogen.

IARC: The International Agency for Research on Cancer (IARC) has concluded that there is sufficient evidence of carcinogenicity in experimental animals from carbon black, contained in this product, and insufficient evidence of carcinogenicity in humans. The IARC categorized carbon black as a 2B- possible carcinogen.

ACGIH: Not Available

SECTION 4 - FIRST AID MEASURES

INHALATION: Remove from area of exposure.

SKIN CONTACT: Wash affected area with soap and water.

EYE CONTACT: Flush with copious amounts of water for 15 minutes.

INGESTION: Call a physician.



SECTION 5 - FIRE FIGHTING MEASURES

CONDITIONS OF FLAMMABILITY: Not available

MEANS OF EXTINCTION: Water, dry chemical, carbon dioxide, foam.

FLASH POINT (METHOD): >200 F, No applicable information can be found.

LOWER FLAMMABLE LIMIT: No applicable information can be found.

UPPER FLAMMABLE LIMIT: No applicable information can be found.

AUTOIGNITION TEMPERATURE: 892 F

HAZARDOUS COMBUSTION PRODUCTS: Not available

EXPLOSION DATA:

SENSITIVITY TO MECHANICAL IMPACT: Not Available

SENSITIVITY TO STATIC DISCHARGE: Not Available

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled: Not applicable to a ribbon product.

SECTION 7 - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing: Avoid excessive temperature during storage.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE LIMITS:

In Canada, consult local authorities for acceptable provincial values.

VENTILATION: None

RESPIRATOR: None

EYE PROTECTION: None

PROTECTIVE GLOVES: None

OTHER PROTECTIVE EQUIPMENT: None



SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: This is a ribbon (solid) made out of nylon fabric with ink (liquid) soaked into it.

ODOR AND APPEARANCE: Nylon ribbon impregnated with black ink, no odor

BOILING POINT: No applicable information can be found.

FREEZING POINT: Not Applicable

VAPOR PRESSURE: 100, 1 5.5 (F, mmHg)

VAPOR DENSITY: 12.9

SPECIFIC GRAVITY: 0.986

WATER SOLUBILITY: 0

VOLATILITY: 0

PH: No applicable information can be found

EVAPORATION RATE: No applicable information can be found

COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available

PRESSURIZED (Y/N): N

SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS OF REACTIVITY: Stable

CONDITIONS TO AVOID: None

INCOMPATIBLE MATERIALS: Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide, aldehydes and ketones, combustion products of nitrogen and sulfur, unidentified organics.

POLYMERIZATION: Not Applicable

SECTION 11 - TOXICOLOGICAL INFORMATION

TOXICITY DATA:

LD50 (rat,oral): Not Available

DL50 (rbt,skin): Not Available

LC50 (rat,ihl): Not Available

ACUTE TOXICITY LEVEL: Not Available

TARGET EFFECTS: Not Available

SENSITIZATION TO PRODUCT: May cause irritation and dermatitis.



MATERIAL SAFETY DATA SHEET

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: Not Available

CARCINOGENICITY:

This product contains trace amounts of Aniline 62-53-3 and Michler's Ketone 90-94-8 which are listed by California Proposition 65.

REPRODUCTIVE TOXICITY: Not Available

TERATOGENICITY: Not Available

MUTAGENICITY: Not Available

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

SECTION 13 - DISPOSAL CONSIDERATIONS

Observe all federal, regional and local regulations when disposing of this substance. Contact local waste vendors for proper disposal.

SECTION 14 - TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

SHIPPING NAME: Not Regulated

PACKAGING AUTHORIZATIONS: Not Regulated

QUANTITY LIMITATIONS: Not Regulated

CANADA TRANSPORTATION OF DANGEROUS GOODS (TDG) REGULATIONS:

SHIPPING NAME: Not Regulated



SECTION 15 - REGULATORY INFORMATION

UNITED STATES:

TSCA INVENTORY STATUS (Y/N): Y

TSCA SECTION 12(b) EXPORT NOTIFICATION.

CERCLA SECTION 103 (40CFR302.4): None at reportable limit

SARA SECTION 302 (40CFR355.30): None at reportable limit

SARA SECTION 304 (40CFR355.40): None at reportable limit

SARA SECTION 313 (40CFR372.65): None at reportable limit

OSHA PROCESS SAFETY (29CFR1910.119): Non-hazardous

CALIFORNIA PROPOSITION 65:

- Material(s) known to the State of California to cause cancer: Anline, Carbon Black, Michler's Ketone.

- Material(s) known to the State of California to cause adverse reproductive effects: None.

SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40 CFR370.21)

ACUTE HAZARD: None at reportable limit

CHRONIC HAZARD: None at reportable limit

FIRE HAZARD: None at reportable limit

REACTIVITY HAZARD: None at reportable limit

SUDDEN RELEASE HAZARD: None at reportable limit

CANADA:

WHMIS CLASSIFICATION:

100% ingredients are listed on the Domestic Substance List.

This product has been classified in accordance with the hazard criteria of the CPR and MSDS contains all the information required by the CPR.



SECTION 16 - OTHER INFORMATION

Additional advice No information available

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