information does not warrant, the accuracy of independently verify, and

MATERIAL SAFETY DATA SHEET

DATE: July 1, 1991 PRODUCT DESCRIPTION: Brother 17020 Correctable Ribbon Cartridge Brother 17020-S Correctable Ribbon Cartridge

PRODUCT CODE NUMBER: 08-0501-000 08-1212-003

EMERGENCY CONTACTS: Chemtrec Assistance (800) 424-9300

The information below is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied with respect to such information and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

-----HAZARDOUS INGREDIENTS/IDENTITY INFORMATION---------

Ink Component Only

COMPONENT: Carbon Black CAS NUMBER: 128-37-0 1333-86-4

EXPOSURE LIMITS (mg/m3)
OSHA ACGIT NIOSH
PEL: TLV: REL:
10 10 N/A
3.5 3.5 3.5

Ink component contains no other ingredient known to retain hazardous properties.

BOILING POINT: Not Applicable
SPECIFIC GRAVITY (WATER = 1): Not Applicable
SOLUBILITY IN WATER: Insoluble
EVAPORATION RATE (Butyl Acetate = 1): Not Applicable
VAPOR DENSITY (AIR = 1): Not Applicable
VAPOR PRESSURE (mm HG/degree C): Not Applicable
MELTING POINT: Not Applicable
APPEARANCE & ODOR: Plastic Cartridge containing dry black correctable
transfer ink coated on polyethylene film wound on a plastic spool.
Minimal odor. Used for printing applications.

-----FIRE & EXPLOSION HAZARD DATA-----

FLASH POINT: Not Applicable EXTINGUISHING MEDIA: Use carbon dioxide, dry chemicals, or foam. Water spray to cool surrounding exposures.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS: Extinguish all nearby sources of ignition since product may decompose and produce harmful vapors at high temperatures.

POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: None Known.

STABILITY: Stable

MATERIALS TO AVOID: None Known.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition products may release oxides of carbon and nitrogen.

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When used as intended, this product does not represent a health or safety hazard.

PRIMARY ROUTES OF EXPOSURE: INHALATION, SKIN CONTACT OR INGESTION. SIGNS & SYMPTOMS OF EXPOSURE:

INHALATION: None Known.

SKIN CONTACT: None Known.

INGESTION: Consult physican.

Medical conditions generally aggravated by exposure: None known when used as intended.

-----EMERGENCY & FIRST AID PROCEDURES-----

IF INHALED: Not Applicable

IN CASE OF EYE CONTACT: Flush with water and seek medical attention if any pronounced irritation is present afterwards.

IN CASE OF SKIN CONTACT: Wash affected areas with soap and water and seek medical attention if any pronounced irritation is present afterwards.

IF INGESTED: Consult Physician.

-----PRECAUTIONS FOR SAFE HANDLING & USE--------

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep up and discard as other office waste.

WASTE DISPOSAL METHOD: Dispose by incineration or landfill according to Federal, State & local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING: Store in a cool dry place. Avoid high temperatures & humidity.

OTHER PRECAUTIONS: None

-----CONTROL MEASURES------

VENTILATION: General office conditions.

RESPIRATORY PROTECTION: None when used as intended.

EYE PROTECTION: None when used as intended.

PROTECTIVE CLOTHING: None when used as intended. Gloves for cleanliness.

OTHER PROTECTIVE MEASURES: None when used as intended.

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