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MSDS For **MTTR ENCODING RIBBON**

ATTENTION IMPORTANT USER INFORMATION
MATERIAL SAFETY DATA SHEET
STOCK NUMBER 182423

Section I (General Information)

IDENTITY (As Used On Label And List): MTTR Encoding Ribbon

SUPPLIER'S NAME: NCR Corporation, Systemedia Group
ADDRESS: 9095 Washington Church Rd.
 Miamisburg, OH 45342

EMERGENCY TELEPHONE NUMBER (SECURITY): (937) 445-2222
TELEPHONE NUMBER FOR INFORMATION: (937) 439-8509

Date of Preparation: 10-30-91 Last Revision: 3-29-01
PREPARED BY: greg decapua REVISED BY: greg decapua and Mary Ann Wehr
DISCLAIMER: The information given herein is based on data provided by the
 manufacturers of each ingredient contained in the product and/or data derived from other
 references. The information given herein is in good faith, but no warranty expressed or
 implied is made.

Section II - Hazardous Ingredients/Identity Information

HAZARDOUS COMPONENTS AND EXPOSURE LIMITS:
(Specific Chemical Identity; Common Names(s)):

	OSHA PEL	ACGIH TLV
Polyethylene terephthalate	N/A	N/A
Hydrocarbon waxes	N/A	2 mg/m ³ (fume)
Pigment	N/A	N/A
Nuisance Dust	15 mg/m ³	10 mg/m ³

This product is a combination of dry coating on a plastic film wound on a fiber core. During installation and removal of the film ribbon, dust and flakes can develop. Avoid breathing nuisance dust.



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Section III - Physical/Chemical Characteristics

BOILING POINT: N/A
VAPOR PRESSURE (mm Hg): N/A
VAPOR DENSITY (AIR=1): N/A
SOLUBILITY IN WATER: Negligible
SPECIFIC GRAVITY (H₂O=1): <1
MELTING POINT: 50°C
EVAPORATION RATE (Butyl Acetate=1): N/A
APPEARANCE AND ODOR: Black spool of film wound on a fiber core.

Section IV - Fire and Explosion Hazard Data

FLASH POINT (METHOD USED): 185°F (COC)
FLAMMABLE LIMITS- LEL: N/A UEL: N/A
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam or water.
SPECIAL FIRE FIGHTING PROCEDURES: Extinguishers for other burning materials in the area is normally sufficient to stop burning of thermal transfer ribbons.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

Section V - Reactivity Data

STABILITY:
UNSTABLE STABLE: X
CONDITIONS TO AVOID: Extreme heat
INCOMPATIBILITY (MATERIALS TO AVOID): Strong acids and bases.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of carbon and nitrogen
HAZARDOUS POLYMERIZATION-
MAY OCCUR WILL NOT OCCUR: X
CONDITIONS TO AVOID: None

Section VI - Health Hazard Data

ROUTE(S) OF ENTRY: INHALATION? Dust SKIN? No INGESTION? Unlikely



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Section VI - Health Hazard Data (continued)

HEALTH HAZARDS (ACUTE AND CHRONIC): None known for normal use

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No

SIGNS AND SYMPTOMS OF EXPOSURE: High concentrations of decomposition fumes may cause eye, nose and respiratory irritation. Prolonged inhalation of these fumes may cause headache, dizziness and nausea. In addition, the dust and flakes from this ribbon may cause eye, nose and respiratory irritation and burning.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

EMERGENCY AND FIRST AID PROCEDURES: Eyes - Flush with large amounts of water for 15 minutes. Inhalation - move to fresh air, get medical attention if necessary. Skin contact - wash thoroughly with soap and water. If flakes contaminate clothing, launder in the normal fashion.

Section VII - Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Spills should be picked up to prevent a slip hazard.

WASTE DISPOSAL METHOD: Confer with federal state, or local waste disposal company. Generally, normal solid waste disposal (trash) is appropriate.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: None required

OTHER PRECAUTIONS: Follow normal hygiene practices.

Section VIII - Control Measures

RESPIRATORY PROTECTION (SPECIFY TYPE): None

VENTILATION: Normal mechanical (general) ventilation is normally sufficient. If temperatures exceed 120°F, use local exhaust.

PROTECTIVE GLOVES: Not required

EYE PROTECTION: Not required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None

WORK/HYGIENIC PRACTICES: Follow normal hygiene practice.



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Section IX - Environmental and Regulatory Data

LABELS: See warning labels on packaging for further information, if any.

ECOLOGICAL INFORMATION: Recycling is successful at reducing the amount of waste going to the landfills as does incineration.

WORKPLACE CLASSIFICATION: This product has substances listed in the hazardous materials section and also there is a slight chance for exposure. This means that this product is either a health hazard (exhibits one or more of the following criteria: irritant, sensitizer, corrosive, carcinogen, toxic, or has a target organ effect); or this product is a physical hazard (meets one or more of the following classifications: combustible liquids, compressed gases, explosives, flammables, organic peroxides, oxidizers, pyrophorics, unstables, or water reactive).

EMERGENCY PLANNING & COMMUNITY RIGHT-TO-KNOW (SARA TITLE III)

SECTION 311/312 CATEGORIZATION (40 CFR 370)- Although this product is a hazardous chemical within 29 CFR 1910.1200, this product is most likely exempt from tier reporting due to the minimum threshold levels.

SECTION 313 INFORMATION (40 CFR 372)- This product does not contain a chemical which is listed in Section 313 above *de minimis* concentrations.

SPILL RESPONSE REPORTING: The release of this material to the environment is not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (40 CFR302) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (40 CFR 355).

RCRA INFORMATION: Waste disposal of this material does not meet RCRA's characteristic definitions of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. However, this material has not been evaluated by the toxicity characteristic leaching procedure (TCLP).