

Emergency Phone 540-949-1000

MATERIAL SAFETY DATA SHEET

The following information pertains to the ink content of the ribbon used in the ribbon assembly listed in section 1. The ink carried by the ribbon is the only component of the ribbon that can be considered a chemical. All other parts of the ribbon assembly are articles as defined in 29 CFR 1910.1200(c) and as such are not covered by the OSHA Hazard Communication Standard.

SECTION I - PRODUCT INFORMATION	
PRODUCT IDENTIFICATION: Ribbon Cartridge, Part Numbers: 1A3000B02	INK NUMBERS: 1125, 1252, 1444, 1737
CHEMICAL NAME AND SYNONYMS: 4-Color Ink	CHEMICAL FAMILY: Color Dispersion
HAZARD RANKING 0= Least 1= Slight 2= Moderate 3= High 4= Extreme	HMTS HAZARD CLASSIFICATION Health =1 Flammability =1 Reactivity =0 PPE =

SECTION II - HAZARDOUS INGREDIENTS				
COMPONENT	CAS. NO.	%	OSHA-PEL	ACGIH-TLV
Nylon fabric	25191-90-6			
Mineral Oil	64742-52-5		Table Z-1	5 mg/M 3
Carbon	133-86-4		Table Z-1	3.5 mg/M 3
* Contains no other ingredient known to retain hazardous properties according to 29 CFR 1910.1200				

SECTION III - PHYSICAL PROPERTIES	
APPEARANCE: Black, Cyan, Magenta, Yellow	ODOR: Slightly Pungent
BOILING POINT: N.A.	MELTING POINT: N.A.
SPECIFIC GRAVITY: .955	SOLUBILITY IN WATER: Insoluble
EVAPORATION RATE: N.D.	Ph (as is): N.A.
VAPOR PRESSURE: N.A.	VAPOR DENSITY: N.D.

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT AND METHOD USED: Over 200° F (COC)	FLAMMABLE LIMITS: N.A.	LEL: N.D.	UEL: N.D.
EXTINGUISHING MEDIA: Water Fog, Foam, CO2 or Dry Chemical to extinguish NFPA Class II liquid fires			
SPECIAL FIRE FIGHTING PROCEDURES: Treat as oil fire. Water spray may cool closed containers to prevent pressure buildup and possible autoignition on exposure to extreme heat.			
UNUSUAL FIRE FIGHTING HAZARDS: Keep containers tightly closed. Isolate from heat, sparks and flame			

N.A. = Not Applicable N.D. = Not Determined N.R. = Not Reported or Not Listed

SECTION V - REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Excessive heat, sparks or open flame.
INCOMPATIBILITY (MATERIALS TO AVOID) Strong chemical oxidizing agents.
HAZARDOUS DECOMPOSITION OR BY PRODUCTS: Thermal decomposition products may release oxides of carbon and nitrogen
HAZARDOUS POLYMERIZATION: Will Not Occur

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 5 mg/m ³
EFFECT OF OVEREXPOSURE: Possible transient irritation to eyes; essentially non-irritating to skin.
EMERGENCY AND FIRST AID PROCEDURES: For eye contact, flush eyes with water for at least 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. Remove and launder contaminated clothing before reuse. If swallowed, DO NOT induce vomiting. Get medical attention and remove to fresh air.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: This is not a regulated product. Since this product is nylon impregnated with ink, no spill or leak of chemical is expected.
WASTE DISPOSAL METHOD: Landfill or incinerate in accordance with applicable local, state, and federal environmental regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: N/A	VENTILATION: Mechanical (general) ventilation is acceptable	SPECIAL: N.A.
PROTECTIVE CLOTHING: Protective gloves required for prolonged or repeated contact.		EYE PROTECTION: Not Required
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: In accordance with good industrial work practice, handle w/care, avoid spills, unnecessary contact, and wash thoroughly after handling.
OTHER PRECAUTIONS: Avoid contamination of food, drink, etc.
EMPTY CONTAINERS: Dispose of in accordance with applicable local, state, and federal government regulations.

SECTION X - REGULATORY INFORMATION

SARA TITLE III SECTION 313 SUPPLIER NOTIFICATION: This product contains the following substances subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-know Act of 1986 and of 40 CFR 372:		
CHEMICAL NAME	CAS #	% BY WEIGHT
None		
CALIFORNIA PROPOSITION 65: This product contains trace amounts of the following listed substances which the state of California has found to cause cancer, birth defects or other reproductive harm, which could require a warning under the statute.		
CHEMICAL NAME	CAS #	% BY WEIGHT
None		

Date Prepared: 05/22/01
Supersedes: N.A.
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Ribbon, 4-Color Ink.Number:1A3000B02
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