

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: 1A0501B01 & 1A0501B06	FORMULA: Mixture
CHEMICAL NAME AND SYNONYMS: Black Ink 1216	CHEMICAL FAMILY: N.A.

SECTION II - HAZARDOUS INGREDIENTS

COMPONENT	CAS. NO.	%	OSHA-PEL	ACGIH-TLV
Mineral Oil	N.R.	10-40	5mg/m ³	5mg/m ³ *
* As Oil Mist				

SECTION III - PHYSICAL PROPERTIES

APPEARANCE: Black Liquid	ODOR: Mild
BOILING POINT: N.D.	MELTING POINT: N.D.
SPECIFIC GRAVITY: 1.00	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:	LEL: N.D.	UEL: N.D.
EXTINGUISHING MEDIA: Water Fog, Foam, Carbon Dioxide and Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES: Treat as an oil fire. Wear self contained breathing apparatus and protective clothing.			
UNUSUAL FIRE FIGHTING HAZARDS: None Known			

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: **May release oxides of carbon and nitrogen.**

HAZARDOUS POLYMERIZATION: **Will Not Occur**

SECTION VI - HEALTH HAZARD DATA

ROUTES(S) OF ENTRY:

INHALATION? **No**

SKIN ABSORPTION? **Yes**

INGESTION? **No**

ACUTE HEALTH HAZARDS: **Not Determined. None expected when used as intended.**

CHRONIC HEALTH HAZARDS: **Not Determined. None expected when used as intended.**

CARCINOGENICITY:

NTP? **No**

IARC MONOGRAPHS? **Yes, IARC
Animal Carcinogen
(Mineral Oil)**

OSHA REGULATED? **No**

SIGNS AND SYMPTOMS OF EXPOSURE: **Black smudge on skin.**

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: **N.R.**

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.**

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: **N.A.**

WASTE DISPOSAL METHOD: **Dispose of in accordance with local, state and federal regulations.**

STORAGE AND HANDLING PRECAUTIONS: **Avoid excessive heat.**

OTHER REGULATIONS: **None**

SECTION VIII - CONTROL MEASURES

VENTILATION
REQUIREMENTS

LOCAL EXHAUST: **N.A.**

SPECIAL: **N.A.**

MECHANICAL: **N.A.**

OTHER: **N.A.**

PROTECTIVE GLOVES: **Not required**

EYE PROTECTION: **Not Required**

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: **None**

WORK/HYGIENIC PRACTICES: **Normal workplace hygienic practices are sufficient.**

Section IX - ADDITIONAL INFORMATION

None