

MATERIAL SAFETY DATA SHEET

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Date of Preparation: 3/91
Date of revision: 12/91

SECTION 1 IDENTIFICATION

TRADE NAME: MP Cartridge 30 Black for File Print 100
PRODUCT DESCRIPTION: An assembly composed of a photosensitive drum, toner powder, corona unit, and cleaner blade.
ITEM NO: M95-0441
NFPA HMIS RATINGS: Health: 0, Flammability: 1, Reactivity: 0

SECTION 2 INGREDIENTS

Principal Components(s)	(TONER)		OSHA (PEL)
	CAS No.	WT. %	ACGIH (TLV)
Styrene Acrylate Copolymer	-----	60-70	N/A
Iron Oxide	1317-61-9	30-40	N/A

Manufacturer contact states all other information is proprietary.

N/A = Not Applicable

Concerning carcinogenicity, the ingredients listed above are not listed on the latest NTP Annual Report, IARC Monographs and OSHA regulation.

SECTION 3 PHYSICAL DATA

BOILING POINT (C):	N/A
MELTING POINT:	100 - 150 C
VAPOR PRESSURE (mmHg.):	Negligible
VAPOR DENSITY (AIR=1):	N/A
SOLUBILITY IN WATER:	Negligible
SOLUBILITY IN ORGANIC SOLVENTS:	Partially soluble in toluene & xylene
SPECIFIC GRAVITY (WATER=1):	1.4 - 1.6
PERCENT VOLATILE BY VOLUME:	Negligible
EVAPORATION RATE (BUTYL ACETATE=1):	Negligible
PH IN CONCENTRATE:	Cannot be determined
PH IN DILUTION AS USED:	Cannot be determined
APPEARANCE AND ODOR:	Black fine powder, slight plastic odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
IGNITION TEMPERATURE: N/A
FLAMMABILITY: Non-flammable solid (According to test method 16 CFR 1500.44).
FLAMMABLE LIMITS: N/A
EXTINGUISHING MEDIA: Water, Dry Chemical, Carbon Dioxide
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE AND EXPLOSION HAZARDS: This material, like most organic material in powder form, is capable of creating a dust explosion.

SECTION 5 HEALTH HAZARD DATA

** Toner powder is not accessible, unless the cartridge is forced, or broken into.

- A. EXPOSURE LIMITS: See Section 2
OSHA (TWA/PEL) = 15mg/m³ (Total Dust)
5mg/m³ (Respirable Fraction)
ACGIH (TWA/TLV) = 10mg/m³ (Total Dust)
- B. EFFECTS OF OVEREXPOSURE:
INHALATION: Gaspings, Do not breathe dust.
EYE CONTACT: No specific hazard known to Canon. However, any material contact the eye may be irritating.
SKIN CONTACT: Low hazard for industrial handling.
- No data available for chronic effects of overexposure.
- C. TOXICITY DATA:
Mutagenicity: Negative (Test species S.Typhimurium)

SECTION 6 EMERGENCY FIRST AID

Inhalation: Remove from exposure.
Eye: In case of eye contact, flush eye with plenty of water. If irritation persists contact a physician.
Skin: Wash with soap and water.

SECTION 7 REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: As with any other organic material, combustion will produce Carbon Dioxide and probably Carbon Monoxide.
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 8 SPILL, LEAK AND DISPOSAL PROCEDURES

SPILLS & LEAKS: No toner spillage occurs in normal operation or handling. If it should occur, avoid inhalation of dust. Sweep material onto paper and collect it.

DISPOSAL METHOD: No special disposal technique required. Ensure compliance with federal, state and/or local regulations. Cartridge and toner may be considered plastic waste.

SECTION 9 SPECIAL PROTECTION INFORMATION

VENTILATION: Good general ventilation should be sufficient
PROTECTION GLOVES: None required
EYE PROTECTION: None required
RESPIRATORY: None required.
OTHER PROTECTIVE EQUIPMENT: None.

SECTION 10 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Keep out of reach of children.

Keep from contact with oxidizing materials.

SECTION 11 REGULATORY INFORMATION

CHEMICALS REQUIRED TO BE REPORTED UNDER SARA TITLE III, CERCLA:
Chromium(III) and compounds: 2.0 wt% (Maximum)
{As chromium metal: 0.2 wt% (Maximum)}

DEPARTMENT OF TRANSPORTATION

Proper Shipping Name: N/A
Hazard Class: N/A
UN ID No.: N/A

ALL COMPONENTS ARE REGISTERED IN ACCORDANCE WITH TSCA.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process.