

MSDS-2542

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HP P/N 92295A

**Canon**

MSDS#: LBP-0024-001 ( 1/ 3 )

**MATERIAL SAFETY DATA SHEET**

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 Lake Success, NY 11042  
 Telephone: 516-488-6700

24 hr. Emergency Contact  
 CHEMTREC: 800-424-9300

Date of Preparation: 9/86  
 Date of revision: 12/91

**SECTION 1 IDENTIFICATION**

**TRADE NAME:** EP-S Cartridge Black

**PRODUCT DESCRIPTION:** EP-S cartridge assembly for LBP-SX, LBP 8, II, III, & FP-100 is composed of photosensitive drum, toner, developer unit, corona unit and cleaner blade.

**ITEM NO:** R64-0001, R64-0002

**NFPA HMIS RATINGS:** Health:-0, Flammability: - 1, Reactivity: - 0

**SECTION 2 INGREDIENTS**

<u>Principal Components(s)</u>	<u>(TONER)</u>		<u>OSHA (PEL)</u>
	<u>CAS No.</u>	<u>WT. %</u>	<u>ACGIH (TLV)</u>
Styrene Acrylate Copolymer	-----	30-40	N/A
Styrene Copolymer	-----	20-30	N/A
Iron Oxide	1317-61-9	30-40	N/A
Salicylic Acid	72869-85-3	1-3	0.5mg(Cr)/m3
Chromium(III) Chelate			(TWA)

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**

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

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**SECTION 4 FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: N/A  
 IGNITION TEMPERATURE: N/A  
 FLAMMABILITY: Non-flammable solid, according to 16 CFR 1500.44 test method.  
 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 materials in powder form, is capable of creating a dust explosion.

**SECTION 5 HEALTH HAZARD DATA**

- A. EXPOSURE LIMITS: See Section 2
- B. EFFECTS OF OVEREXPOSURE: Minimal respiratory tract irritation may occur as with exposure to large amounts any non-toxic dust. There are no known health hazards, mutagenicity, carcinogenicity or teratogenicity.
- C. TOXICITY DATA:
- | <u>Test</u>  | <u>Species</u> | <u>Result</u> |
|--------------|----------------|---------------|
| Mutagenicity | S. Typhimurium | Negative      |

**SECTION 6 EMERGENCY FIRST AID PROCEDURES**

Inhalation: Remove from exposure to fresh air.  
 Eye Contact: Open eye and flush with plenty of water. If irritation persists, get medical attention.  
 Skin Contact: Wash with soap and water.  
 Ingestion: Drink several glasses of water. Call a physician.

**SECTION 7 REACTIVITY DATA**

STABILITY: Stable.  
 INCOMPATIBILITY: Strong oxidizers.  
 HAZARDOUS DECOMPOSITION PRODUCTS: As with any other organic material, decomposition will produce carbon dioxide and carbon monoxide.  
 HAZARDOUS POLYMERIZATION: Will not occur.

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**SECTION 8 SPILL, LEAK AND DISPOSAL PROCEDURES**

**SPILLS AND LEAKS:** Sweep material onto paper and place in fiber carton.  
**DISPOSAL METHOD:** No special disposal technique required. Ensure compliance with federal, state and/or local regulations.

**SECTION 9 SPECIAL PROTECTION INFORMATION**

**VENTILATION:** Good general ventilation should be sufficient.  
**PROTECTIVE GLOVES:** None required.  
**EYE PROTECTION:** 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:** None.

**DEPARTMENT OF TRANSPORTATION**

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

**ALL COMPONENTS ARE REGISTERED IN ACCORDANCE WITH TSCA.**

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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.