Canon

MATERIAL SAFETY DATA SHEET

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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

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

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): Not available for solid mixtures.
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 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:
   Test Mutagenicity Species S. Typhimurium Result 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.
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.: NA

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.