

## **EP-S CARTRIDGE,BLACK (HEWLETT-PACKARD P/N 92295A)**

### **MSDS Number**

BXHPK

### **National Stock Number**

6850-01-261-6064

### **Product Name**

EP-S CARTRIDGE,BLACK (HEWLETT-PACKARD P/N 92295A)

### **Manufacturer**

CANON U S A INC

### **Product Identification**

Product ID:EP-S CARTRIDGE,BLACK (HEWLETT-PACKARD P/N 92295A)

MSDS Date:07/07/1997

FSC:6850

NIIN:01-261-6064

MSDS Number: BXHPK

### **Responsible Party**

CANON U.S.A., INC.

ONE CANON PLAZA

LAKE SUCCESS , NY 11042

US

Emergency Phone: 516-488-6700/800-424-9300(CHEMTREC)

Info Phone: 516-488-6700

Cage: 08YZ7

### **Contractor**

HEWLETT-PACKARD CO BOISE DIV

BOISE, ID 83714

US

208-396-6000

Cage: 18660

### **Ingredients**

STYRENE ACRYLATE COPOLYMER,

CAS: 25153-46-2

IRON OXIDE

CAS: 1317-61-9

OSHA PEL10 MG/M3

ACGIH TLV: 5 MG/M3

MANUFACTURER CONTACT STATES ALL OTHER INFORMATION

RTECS: 9999999ZZ

OSHA PEL10 MG/M3

ACGIH TLV: 5 MG/M3

## Hazards

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TONER POWDER ISN'T ACCESSIBLE, UNLESS THE CARTRIDGE IS FORCED/BROKEN INTO. INHALATION:GRASPING, DO NOT BREATHE DUST. EYES:ANY MATERIAL CONTACTING W/EYES MAY BE IRRITATING. SKIN:LOW HAZARD FOR INDUSTRIAL HANDLING.  
Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT CARCINOGENICITY. HMIS DOES NOT EXPECT IT TO BE CARCINOGENIC.  
Effects of Overexposure:IRRITATION OF EYES, SKIN, RESPIRATORY TRACT, GRASPING  
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

## First Aid

First Aid:INHALE: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSISTS. EYES: ANY MATERIAL THAT CONTACTS THE EYE SHOULD BE WASHED OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGEST: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION.

## Fire Fighting

Extinguishing Media:WATER, DRY CHEMICAL, CO2  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:THIS MATERIAL LIKE MOST ORGANIC MATERIAL IN POWDER FORM, IS CAPABLE OF CREATING A DUST EXPLOSION.

## Accidental Release

Spill Release Procedures:NO TONER SPILLAGE OCCURS IN NORMAL OPERATION OR HANDLING. IF IT SHOULD OCCUR, AVOID INHALATION OF THE DUST. SWEEP MATERIAL ONTO PAPER AND DISPOSE COLLECTED TONER AS PLASTIC WASTE.  
Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

## Handling

Handling and Storage Precautions:KEEP OUT OF REACH OF CHILDREN. KEEP FROM CONTACT W/OXIDIZING MATERIALS. STORE IN A COOL PLACE. AVOID BREATHING IN DUST. USE WITH ADEQUATE VENTILATION.  
Other Precautions:NONE

## Exposure Controls

Respiratory Protection:NONE REQUIRED WHEN USED IN INTENDED FASHION.  
Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT (TYPICALLY 4-6 ROOM VOLUMES PER HOUR)  
Protective Gloves:IMPERVIOUS GLOVES IF PROLONGED CONTACT.  
Eye Protection:SAFETY GLASSES.  
Other Protective Equipment:NONE  
Work Hygienic Practices:MFR:? (DLA-HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY AFTER HANDLING.)  
Supplemental Safety and Health  
NONE

## Chemical Properties

HCC:M1  
NRC/State Lic Num:NONE  
Melt/Freeze Pt:M.P/F.P Text:100 - 150 C.  
Vapor Pres:NEGLIGIBLE  
Spec Gravity:1.4-1.6  
pH:UNKNON  
Evaporation Rate & Reference:(BU AC = 1): NEGLIGIBLE  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:BLACK FINE POWDER, SLIGHT PLASTIC ODOR  
Percent Volatiles by Volume:NEGLI

## Stability

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZERS  
Stability Condition to Avoid: N/P.  
Hazardous Decomposition Products: CARBON DIOXIDE & CARBON MONOXIDE  
Conditions to Avoid Polymerization: WILL NOT OCCUR.

## Disposal

Waste Disposal Methods: INCINERATE OR LANDFILL, CAN BE INCINERATED WHEN IN COMPLIANCE WITH LOCAL REGULATIONS. DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE, OR LOCAL LAWS.

## Toxicology

Toxicological Information: HEALTH HAZARDS OF LONG-TERM EXPOSURE: BASED UPON AVAILABLE DATA, HUMAN EXPOSURE TO TONER HAS BEEN SHOWN TO CAUSE MINIMAL RESPIRATORY TRACT IRRITATION AS MAY OCCUR WITH LARGE AMOUNTS OF ANY NONTOXIC DUSTS. THE RESULTS OF ONE ANIMAL STUDY WHERE RATS INHALED TONER THAT WAS TEN TIMES MORE RESPIRABLE THAN COMMERCIALY AVAILABLE TONER WERE OBSERVED TO HAVE NO LUNG CHANGES AT LOW EXPOSURES. AT HIGHER LEVELS A SLIGHT DEGREE OF LUNG FIBROSIS WAS OBSERVED DUE TO EXCESSIVE AMOUNTS OF DUST RETAINED IN THE LUNGS FOR A PROLONGED INTERVAL.

## Ecology

Ecological: THIS MATERIAL HAS NOT BEEN TESTED FOR ENVIRONMENTAL EFFECTS. IN A SPILL SITUATION THIS MATERIAL MAY BE VISUALLY UNPLEASANT; HOWEVER, IT IS NOT EXPECTED TO CAUSE ANY ADVERSE ENVIRONMENTAL EFFECTS.

## Transport

Transport Information: FOR IATA: MAGNETIZED MATERIAL (64 OR MORE CARTRIDGES). CLASS 9, UN2807.

## Regulatory

SARA Title III Information: RCRA STATUS: IF DISCARDED IN ITS PURCHASED FORM, THIS PRODUCT WOULD NOT BE A HAZARDOUS WASTE EITHER BY LISTING OR CHARACTERISTIC. HOWEVER, UNDER RCRA, IT IS THE RESPONSIBILITY OF THE END-USER TO DETERMINE AT THE TIME OF DISPOSAL, WHETHER A MATERIAL CONTAINING THE PRODUCT OR DERIVED FROM THE PRODUCT SHOULD BE CLASSIFIED AS HAZARDOUS WASTE.

Federal Regulatory Information: ALL CHEMICAL INGREDIENTS FOUND ON TSCA INVENTORY.

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