

CANON U S A -- EP-S CARTRIDGE,BLACK (HEWLETT-PACKARD P-N 92295A) - TONER,INDIRECT EL
MATERIAL SAFETY DATA SHEET
NSN: 6850012616064
Manufacturer's CAGE: 60939
Part No. Indicator: D
Part Number/Trade Name: EP-S CARTRIDGE,BLACK (HEWLETT-PACKARD P/N 92295A)

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General Information
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Item Name: TONER,INDIRECT ELECTROSTATIC PROCESSING
Company's Name: CANON U.S.A., INC.
Company's Street: ONE CANON PLAZA
Company's City: LAKE SUCCESS
Company's State: NY
Company's Country: US
Company's Zip Code: 11042
Company's Emerg Ph #: 516-488-6700/800-424-9300 (CHEMTREC)
Company's Info Ph #: 516-488-6700
Distributor/Vendor # 1: HEWLETT PACKARD CO (208-323-2987)
Distributor/Vendor # 1 Cage: 54546
Distributor/Vendor # 2: HEWLETT-PACKARD CO BOISE DIV
Distributor/Vendor # 2 Cage: 18660
Record No. For Safety Entry: 023
Tot Safety Entries This Stk#: 026 *
Status: SE
Date MSDS Prepared: 31MAR94
Safety Data Review Date: 24NOV96
Supply Item Manager: CX
MSDS Serial Number: BXHPK
Specification Number: NONE
Spec Type, Grade, Class: NONE
Hazard Characteristic Code: N1
Unit Of Issue: EA
Unit Of Issue Container Qty: UNKNOWN
Type Of Container: UNKNOWN
Net Unit Weight: UNKNOWN
NRC/State License Number: NONE
Net Propellant Weight-Ammo: NONE

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: STYRENE ACRYLATE COPOLYMER,
Ingredient Sequence Number: 01
Percent: 60-70
NIOSH (RTECS) Number: 1007107SA
CAS Number: 25153-46-2
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Proprietary: NO
Ingredient: IRON OXIDE
Ingredient Sequence Number: 02
Percent: 30-40
NIOSH (RTECS) Number: 1004029IO
CAS Number: 1317-61-9
OSHA PEL: 10 MG/M3
ACGIH TLV: 5 MG/M3

Proprietary: NO
Ingredient: PER MSDS:MANUFACTURER CONTACT STATES ALL OTHER INFORMATION IS
PROPRIETARY.
Ingredient Sequence Number: 03
Percent: N/A
NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: 10 MG/M3
ACGIH TLV: 5 MG/M3
Other Recommended Limit: NONE RECOMMENDED

Physical/Chemical Characteristics

Appearance And Odor: BLACK FINE POWDER, SLIGHT PLASTIC ODOR
Boiling Point: UNKNOWN
Melting Point: 212F,100C
Vapor Pressure (MM Hg/70 F): NEGLIGIBLE
Vapor Density (Air=1): N/A
Specific Gravity: 1.4-1.6
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: (BU AC = 1): NEGLIGIBLE
Solubility In Water: NEGLIGIBLE
Percent Volatiles By Volume: NEGLI
Viscosity: UNKNOWN
pH: UNKNON
Corrosion Rate (IPY): UNKNOWN

Fire and Explosion Hazard Data

Flash Point: N/A
Lower Explosive Limit: UNKNOWN
Upper Explosive Limit: UNKNOWN
Extinguishing Media: WATER, DRY CHEMICAL, CO2
Special Fire Fighting Proc: NONE
Unusual Fire And Expl Hazrds: THIS MATERIAL LIKE MOST ORGANIC MATERIAL IN
POWDER FORM, IS CAPABLE OF CREATING A DUST EXPLOSION.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): MFR GAVE NO INFORMATION ON MSDS.
Materials To Avoid: STRONG OXIDIZERS
Hazardous Decomp Products: CARBON DIOXIDE & CARBON MONOXIDE
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): WILL NOT OCCUR.

Health Hazard Data

LD50-LC50 Mixture: LD50 (ORAL RAT) IS UNKNOWN
Route Of Entry - Inhalation: NO
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz 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.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: MANUFACTURER GAVE NO INFORMATION ABOUT
CARCINOGENICITY. HMIS DOES NOT EXPECT IT TO BE CARCINOGENIC.
Signs/Symptoms Of Overexp: IRRITATION OF EYES, SKIN, RESPIRATORY TRACT,
GRASPING
Med Cond Aggravated By Exp: MFR GAVE NO INFORMATION ON MSDS.
Emergency/First Aid Proc: INHALATION:REMOVE FROM EXPOSURE. EYES:FLUSH
W/PLENTY OF WATER. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN. SKIN:WASH
W/SOAP & WATER.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SWEEP MATERIAL ONTO PAPER & PLACE IN FIBER
CARTON.

Neutralizing Agent: MFR GAVE NO INFORMATION ON MSDS.
Waste Disposal Method: NO SPECIAL DISPOSAL TECHNIQUI REQUIRED. ENSURE COMPLIANCE W/FEDERAL, STATE & LOCAL REGULATIONS. CARTRIDGE MAY BE CONSIDERED PLASTIC WASTE & IS COMPOSED OF PLASTIC & METALS.
Precautions-Handling/Storing: KEEP OUT OF REACH OF CHILDREN. KEEP FROM CONTACT W/OXIDIZING MATERIALS.
Other Precautions: NONE

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Control Measures
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Respiratory Protection: NONE
Ventilation: GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT
Protective Gloves: NONE REQUIRED
Eye Protection: NONE REQUIRED
Other Protective Equipment: NONE
Work Hygienic Practices: MFR:? (DLA-HMIS:USE GOOD INDUSTRIAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY AFTER HANDLING.)
Suppl. Safety & Health Data: NONE

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Transportation Data
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Trans Data Review Date: 96329
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
MMAC Code: NK
N.O.S. Shipping Name: NONE
Additional Trans Data: NONE

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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 24NOV96
MFR Label Number: NONE
Label Status: F
Common Name: EP-S CARTRIDGE,BLACK (HEWLETT-PACKARD P/N 92295A)
Chronic Hazard: NO
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-Slight: X
Reactivity Hazard-None: X
Special Hazard Precautions: 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. KEEP OUT OF REACH OF CHILDREN. KEEP FROM CONTACT W/OXIDIZING MATERIALS.
Protect Eye: Y
Label Name: CANON U.S.A., INC.
Label Street: ONE CANON PLAZA
Label City: LAKE SUCCESS
Label State: NY
Label Zip Code: 11042
Label Country: US
Label Emergency Number: 516-488-6700/800-424-9300 (CHEMTREC)