

CANON INC -- 92291A, P170 TONER CARTRIDGE FOR HP LASERJET IIIIS, -- 6850-01-398-2398

===== Product Identification =====

Product ID:92291A, P170 TONER CARTRIDGE FOR HP LASERJET IIIIS,

MSDS Date:11/15/1990

FSC:6850

NIIN:01-398-2398

MSDS Number: BXQJC

=== Responsible Party ===

Company Name:CANON INC

Address:30-2 SHIRMOMARUKO 3 CHROME

City:OMTA-KU, TOKYO

Country:JA

Info Phone Num:516-328-5600

Emergency Phone Num:516-328-5600

CAGE:EO274

=== Contractor Identificatio

n ===

Company Name:CANON INC

Address:30-2 SHIMOMARUKO 3-CHOME, OHTA-KU

Box:City:TOKYO

Country:JA

Phone:03-3758-2111/ 516-328-5600(USA)

CAGE:EO274

Company Name:HEWLETT-PACKARD CO, CORPORATE HQ

Address:3000 MINUTEMAN RD

Box:City:ANDOVER

State:MA

ZIP:01810-1032

Country:US

Phone:404-648-8754/FAX: 800-947-3299

CAGE:28480

Company Name:TONER ETC

Address:124 HERITAGE AVE

Box:City:PORTSMOUTH

State:NH

ZIP:03801

Country:US

Phone:800-370-8663 603-431-3624

CAGE:0YL79

===== Composition/Information

on Ingredients =====

Ingred Name:STYRENE ACRYLATE COPLOYMER  
Fraction by Wt: 45-55%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:IRON OXIDE  
CAS:1317-61-9  
Fraction by Wt: 45-55%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:10 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:AMORPHOUS SILICA  
CAS:112945-52-5  
RTECS #:VV7310000  
Fraction by Wt: 0.5-2%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:6 MG/M3  
ACGIH TLV:10 MG/M3

===== Hazards Identification =====

LD50 LC50 Mix  
ture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-TONER POWDER IS NOT ACCESSIBLE  
UNTIL THE CARTRIDGE IS FORCED TO BE BROKEN. INHALATION:TONER POWDER  
IS FINELY DIVIDED SOLID. DO NOT BREATHE THE DUST. EYE:NO SPECIFIC  
HAZARD IS KNOWN TO CANON. HOW EVER, ANY MATERIAL THAT CONTACTS THE  
EYE MAY BE IRRITATING. SKIN:LOW HAZARD FOR INDUSTRIAL HANDL  
ING.  
CHRONIC-NO DATA.  
Explanation of Carcinogenicity:NO CARCINOGEN OR POTENTIAL CARCINOGEN,  
ACCORDING TO IARC, NTP, OSHA REGULATION & EC DIRECTIVE.  
Effects of Overexposure:MFR GAVE NO INFORMATION ON MSDS.  
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

===== First Aid Measures =====

First Aid:EYE CONTACT:FLUSH W/PLENTY OF WATER. SKIN CONTACT:WASH W/SOAP  
& WATER.

===== Fire Fighting Measures =====

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Flash Point:NON FLAMMABLE  
Extinguishing Media:CARBON DIOXIDE, WATER, DRY CHEMICALS  
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 Measures =====

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 OR COLLECT IT.  
Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP AWAY FROM STRONG OXIDIZING  
AGENTS. KEEP OUT OF REACH OF CHILDREN.  
Other Precautions:NONE

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED.  
Ventilation:USE GENERAL VENTILATION SHOULD BE SUFFICIENT.  
Protective Gloves:NONE REQUIRED  
Eye Protection:NONE REQUIRED  
Other Protective Equipment:NONE REQUIRED  
Work Hygienic Practices:MFR:? HMIS:USE GOOD INDUSTRIAL HYGIENE  
PRACTICES. MINIMIZE CONTACT & WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health  
PRODUCT IS USED IN HEWLETT-PACKARD LASERJET III. TONER IS CONTAINED  
IN A CARTRIDGE.

===== Physical/Chemical Properties =====

HCC:V7  
NRC/State Lic Num:NONE  
Melt/Freeze Pt:M.P/F.P Text:212F,100C  
Vapor Pres:NEGLIGIBLE  
Spec Gravity:1.4-1.6  
Evaporation Rate & Reference:NEGLIG

IBLE  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:FINE POWDER; SLIGHT PLASTIC ODOR. COLOR NOT  
REPORTED.  
Percent Volatiles by Volume:NEGLIG

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:MFR GAVE NO INFORMATION ON MSDS.  
Hazardous Decomposition Products:COMBUSTION WILL PRODUCE CARBON DIOXIDE  
& POSSIBLY TOXIC CHEMICALS SUCH AS CARBON MONOXIDE.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:THIS PRODUCT IS CONSTRUCTED FROM PLASTICS &  
METALS. THE WASTE TONER COULD BE CONSIDERED AS PLASTIC WASTE.  
DISPOSAL SHOULD BE SUBJECT TO FEDERAL, STATE & LOCAL LAWS.

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