

HEWLETT-PACKARD -- HP LASER JET TONER CARTRIDGE, C3903A
MATERIAL SAFETY DATA SHEET
NSN: 685000N069161
Manufacturer's CAGE: 28480
Part No. Indicator: A
Part Number/Trade Name: HP LASER JET TONER CARTRIDGE, C3903A

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General Information
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Company's Name: HEWLETT-PACKARD CO
Company's Street: 11311 CHINDEN BLVD
Company's City: BOISE
Company's State: ID
Company's Country: US
Company's Zip Code: 83714
Company's Emerg Ph #: 208-396-6000
Company's Info Ph #: 208-396-6000
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SMJ
Date MSDS Prepared: 21JAN95
Safety Data Review Date: 01FEB96
MSDS Serial Number: CCBXL

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: STYRENE ACRYLATE COPOLYMER
Ingredient Sequence Number: 01
Percent: 45-55
NIOSH (RTECS) Number: 1007107SA
CAS Number: 25153-46-2
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: IRON OXIDE
Ingredient Sequence Number: 02
Percent: 45-55
NIOSH (RTECS) Number: 1004029IO
CAS Number: 1317-61-9
OSHA PEL: 10 MG/M3
ACGIH TLV: 5 MG/M3

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Physical/Chemical Characteristics
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Appearance And Odor: BLACK FINE POWDER, WITH SLIGHT PLASTIC ODOR
Boiling Point: N/A
Melting Point: >212F, >100C
Vapor Pressure (MM Hg/70 F): N/A
Vapor Density (Air=1): N/A
Specific Gravity: 1.4-1.8 (H*20=1)
Evaporation Rate And Ref: N/A
Solubility In Water: NEGLIGIBLE
Percent Volatiles By Volume: N/A
pH: N/A

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Fire and Explosion Hazard Data
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Extinguishing Media: USE CARBON DIOXIDE, WATER, DRY CHEMICALS.
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPROVED SCBA & FULL
PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: TONER MATERIAL, LIKE MOST ORGANIC MATERIALS
IN POWDER FORM, IS CAPABLE OF CREATING A DUST EXPLOSION.

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 Reactivity Data
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Stability: YES

Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: STRONG OXIDIZERS.

Hazardous Decomp Products: COMBUSTION WILL PRODUCE CARBON DIOXIDE AND POSSIBLE TOXIC CHEMICALS SUCH AS CARBON MONOXIDE.

Hazardous Poly Occur: NO

Conditions To Avoid (Poly): NOT RELEVANT.

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 Health Hazard Data
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LD50-LC50 Mixture: LD50 (ORAL RAT): > 5000 MG/KG.

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: NO

Health Haz Acute And Chronic: ACUTE: INHALATION: MINIMAL RESPIRATORY TRACT IRRITATION MAY OCCUR AS WITH EXPOSURE TO LARGE AMOUNTS OF ANY NON-TOXIC DUST. EYES: MAY CAUSE IRRITATION. SKIN: UNLIKELY TO CAUSE IRRITATION.

CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NOT RELEVANT.

Signs/Symptoms Of Overexp: SEE HEALTH HAZARDS.

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.

Emergency/First Aid Proc: INGESTION: DILUTE STOMACH CONTENTS WITH SEVERAL GLASSES OF WATER. INHALATION: REMOVE VICTIM TO FRESH AIR. EYES: FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WITH SOAP AND WATER.

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 Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: NO TONER SPILLAGE OCCURS IN NORMAL OPERATION OR HANDLING. IF IT SHOULD OCCUR, AVOID INHALATION OF THE DUST. SWEEP MATERIAL ONTO PAPER AND CAREFULLY TRANSFER TO A SEALABLE WASTE CONTAINER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Precautions-Handling/Storing: KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM CONTACT WITH OXIDIZING MATERIALS.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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 Control Measures
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Respiratory Protection: NOT REQUIRED UNDER INTENDED USE. USE NIOSH/MSHA

APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation: GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT UNDER INTENDED USE.

Protective Gloves: IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: EMERGENCY EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

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 Transportation Data
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 Disposal Data
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 Label Data
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Label Required: YES

Technical Review Date: 01FEB96
Label Date: 01FEB96
Label Status: G
Common Name: HP LASER JET TONER CARTRIDGE, C3903A
Chronic Hazard: NO
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE: INHALATION: MINIMAL RESPIRATORY TRACT IRRITATION MAY OCCUR AS WITH EXPOSURE TO LARGE AMOUNTS OF ANY NON-TOXIC DUST. EYES: MAY CAUSE IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: HEWLETT-PACKARD CO
Label Street: 11311 CHINDEN BLVD
Label City: BOISE
Label State: ID
Label Zip Code: 83714
Label Country: US
Label Emergency Number: 208-396-6000