

HEWLETT-PACKARD CO BOISE DIV -- 92285A/Z;HP-N,HP-NU CARTRIDGE -- 6850-01-216-6823

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

Product ID:92285A/Z;HP-N,HP-NU CARTRIDGE

MSDS Date:03/01/1993

FSC:6850

NIIN:01-216-6823

MSDS Number: BYFMJ

=== Responsible Party ===

Company Name:HEWLETT-PACKARD CO BOISE DIV

Address:11311 CHINDEN BLVD

City:BOISE

State:ID

ZIP:83707

Country:US

Info Phone Num:208-323-6000

Emergency Phone Num:208-323-6000

CAGE:18660

=== Contractor Identification

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Company Name:HEWLETT-PACKARD CO BOISE DIV

Address:11311 CHINDEN BLVD

Box:City:BOISE

State:ID

ZIP:83714

Country:US

Phone:208-396-6000

CAGE:18660

===== 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

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

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LD50 LC50 Mixture:ACGIH TLV FOR NUISSANCE DUST IS 10MG/M3  
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 IS NOT ACCESSIBLE UNLESS  
CARTRIDGE IS FORCED OPEN OR BROKEN.TONER POWDER IS NUISSANCE DUST  
AND MAY CAUSE RESPIRATORY TRACT IRRITATION.  
Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.  
E  
ffects of Overexposure:INHAL:IRRITATION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND  
WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH  
AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:UNLIKELY  
ROUTE OF EXPOS URE.GET PROMPT QUALIFIED MEDICAL ATTENTION.

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

Flash Point:NONE  
Extinguishing Media:WATER,DRY CHEMICAL,CARBON DIOXIDE.  
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND  
FULL PROTECTIVE EQUIPMENT.  
Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

===== Accidental Release Measures =====

Spill Release Procedures:VENTILATE AREA.USE PROPER PROTECTIVE AND  
RESPIRATORY EQUIPMENT.SWEEP OR VACUUM;DO NOT CREATE DUST;PLACE IN A  
DRY CONTAINER FOR DISPOSAL.  
CLEAN SPILL AREA WITH WATER.  
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED  
PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM  
INCOMPATIBLE MATERIALS.  
Other Precautions:KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.  
Ventilation:USE GENERAL DILUTION V

ENTILATION.  
Protective Gloves:NOT NEEDED IN NORMAL SERVICE.  
Eye Protection:NOT NEEDED IN NORMAL SERVICE.  
Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION.  
Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS  
PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.  
Supplemental Safety and Health  
NONE

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

HCC:N1  
Melt/Freeze Pt:M.P/F.P Text:212F-302F  
Vapor Pres:NEGLIGIBLE  
Spec Gravity:1.4-1.6  
Evaporation Rate & Ref  
erence:NEGLIGIBLE  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:SOLID.COLOR AND ODOR NOT REPORTED.

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS.  
Stability Condition to Avoid:DUSTY CONDITIONS WITH SOURCES OF IGNITION.  
Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WIT  
H FEDERAL,STATE AND  
LOCAL REGULATIONS.

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