

HEWLETT-PACKARD CO BOISE DIV -- LASER JET CARTRIDGE,C 4127 A -- 7045-01-450-6626

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

Product ID:LASER JET CARTRIDGE,C 4127 A
MSDS Date:09/23/1997
FSC:7045
NIIN:01-450-6626
MSDS Number: CHQQC
=== Responsible Party ===
Company Name:HEWLETT-PACKARD CO BOISE DIV
Address:11311 CHINDEN BLVD
City:BOISE
State:ID
ZIP:83714
Country:US
Info Phone Num:208-396-6000/323-2551
Eme
rgency Phone Num:208-396-6000
CAGE:18660
=== Contractor Identification ===
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 COPOLYMER
Fraction by Wt: 40 - 50%
Other REC Limits:NONE RECOMMENDED

Ingred Name:IRON OXIDE
CAS:1317-61-9
Fraction by Wt: 40 - 50%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG

/M3
ACGIH TLV:5 MG/M3

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS >2000 MG/KG.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, RESPIRATORY TRACT.
ACUTE- EYES:MAY CAUSE MECHANICAL IRRITATION. SKIN:UNLIKELY TO CAUSE
IRRITATION. INHALE:MAY CAUSE MILD RESPIRATORY IRRITATION IN HEAVY
DUST CONDITION. ORAL:NOT LIKELY
Y TO OCCUR. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, TEARING, COUGHING
Medical Cond Aggravated by Exposure:RESPIRATORY DISEASES

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:MOVE TO FRESH
AIR. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER. KEEP EYELIDS
OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:RINSE MOUTH WITH WATER.
DILUTE STOMACH CONTENTS WITH 1-2 GLASSES OF
WATER. IF SYMPTOMS
OCCUR, CONSULT PHYSICIAN.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY
CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS
COOL.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:AS WITH ANY FINELY DIVIDED
ORGANIC SOLID,
DUST MAY BE EXPLOSIVE IF MIXED WITH AIR IN CRITICAL PROPORTIONS AND
IN THE PRESENCE OF AN IGNITION SOURCE.

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

Spill Release Procedures:DO NOT USE A VACUUM CLEANER TO CLEAN UP SPILLS
OF POWDERED TONERS. THE VERY FINE PARTICLES CAN CAUSE A FIRE OR
EXPLOSION. SWEEP MATERIAL ONTO PAPER AND PLACE IN A FIBER CARTON.
CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.
Neutralizing Agent:NOT RELEVANT

LEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY AREA, AWAY FROM STRONG OXIDIZING AGENTS. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:DO NOT GENERATE DUST. AVOID BREATHING DUST. DO NOT GET IN EYE. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR DRINKING. NOTE: THE TONER POWDER CANNOT BE REMOVED UNTIL THE CARTRIDGE IS FORCED TO B E BROKEN.

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

Respiratory Protection:NONE REQUIRED WHEN USED AS INTENDED.

Ventilation:NORMAL OFFICE CONDITIONS.

Protective Gloves:NONE REQUIRED WHEN USED AS INTENDED.

Eye Protection:NONE REQUIRED WHEN USED AS INTENDED.

Other Protective Equipment:NONE REQUIRED WHEN USED AS INTENDED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:N1

NRC/State

Lic Num:NOT RELEVANT

Melt/Freeze Pt:M.P/F.P Text:212F - 302F

Spec Gravity:1.4 - 1.8

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:NEGLIGIBLE

Appearance and Odor:FINE BLACK POWDER - SLIGHT PLASTIC ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:DUST GENERATION

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, SMOKE

=

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

Waste Disposal Methods:LANDFILL OR INCINERATE. ENSURE CONFORMITY WITH LOCAL, STATE AND FEDERAL REGULATIONS. RECYCLING WITH PRODUCT RECOVERY IS RECOMMENDED.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.