



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identification of the preparation	HP LaserJet C4096A Print Cartridge
Use of the preparation	This product is a toner preparation that is used in Hewlett-Packard LaserJet 1010, 3015, 3020, 3030 series printers, and all-in-ones.
Manufacturer information	Hewlett-Packard Company 11311 Chinden Boulevard Boise, ID 83714 USA
Hewlett-Packard health effects line	
(Toll-free within the US)	1-800-457-4209
(Direct)	1-503-494-7199
General information telephone number	
HP Customer Care Line	1-800-474-6836
(Toll-free)	1-800-474-6836
(Direct)	1-208-323-2551
Date prepared	Feb 27, 2007
MSDS number	209848

2. COMPOSITION / INFORMATION ON INGREDIENTS

Component/substance	CAS number	% by weight
Styrene acrylate copolymer	Trade Secret	40 - 50
Iron oxide	1317-61-9	40 - 50
Composition comments	This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).	

3. HAZARDS IDENTIFICATION

Emergency overview	Toner - () fine powder. Imaging drum - bright turquoise aluminum cylinder.
Acute health effects	Not applicable
Skin contact	Unlikely to cause skin irritation.
Eye contact	May cause transient slight irritation
Inhalation	Minimal respiratory tract irritation may occur with exposure to large amounts of toner dust.
Ingestion	Minor route of entry for intended use of this product. No significant adverse effects are expected upon ingestion of the product.
Potential health effects	
Routes of exposure	Inhalation, Ingestion, Skin contact, Eye contact
Chronic health effects	Prolonged inhalation of excessive amounts of any dust may cause lung damage. Use of this product as intended does not result in inhalation of excessive amounts of dust.
Carcinogenicity	None of the materials in this product are listed by IARC, NTP, or ACGIH as a carcinogen.

4. FIRST AID MEASURES

First aid procedures	
Skin	Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.
Eye	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists, consult a physician.
Inhalation	Move person to fresh air immediately. If symptoms persist, get medical attention.



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Ingestion

Rinse mouth with water. Drink 1 or 2 glasses of water. If symptoms persist, get medical attention.

5. FIRE FIGHTING MEASURES

Hazardous combustion products	Carbon monoxide and carbon dioxide.
Extinguishing media	Dry chemical, CO ₂ , or water spray.
Unsuitable extinguishing media	None known.
Unusual fire and explosion hazard	Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.
Fire fighting equipment/instructions	If fire occurs in the printer, treat as an electrical fire.
Special firefighting procedures	None established.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid breathing dust. Ensure adequate ventilation.
Environmental precautions	Do not let product enter drains. See also section 13 Disposal considerations.
Procedures if material is released or spilled	Slowly vacuum or sweep the material into a bag or other sealed container. Clean remainder with a damp cloth or vacuum cleaner. If a vacuum is used, the motor must be rated as dust explosion-proof. Dispose of in compliance with federal, state, and local regulations. See also section 13 Disposal considerations.
Evacuation procedures	Not applicable

7. HANDLING AND STORAGE

Handling	Keep out of the reach of children. Avoid inhalation of dust. Avoid contact with eyes. Keep away from excessive heat, sparks, and open flames. Use this product with adequate ventilation.
Storage	Keep out of the reach of children. Store away from strong oxidizers. Store at room temperature in the original container. Keep tightly closed. Keep away from excessive heat, sparks, and open flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment	
General	No special protective equipment required.
Hygiene measures	No personal respiratory protective equipment required under normal conditions of use.
Exposure guidelines	Use in a well ventilated area.

9. PHYSICAL & CHEMICAL PROPERTIES

Softening point	100 - 150 °C (212.0 - 302.0 °F)
Specific gravity	1.4 - 1.8
Appearance	Toner: Fine powder Imaging Drum: Viridian aluminum cylinder
Form	Toner: powder



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Odor Toner: Slight plastic odor
Color Black

10. CHEMICAL STABILITY & REACTIVITY INFORMATION

Stability Stable under recommended storage conditions.
Conditions to avoid Imaging Drum: Exposure to light
Materials to avoid Oxidizing materials.
Hazardous polymerization Will not occur.
Hazardous decomposition products Carbon monoxide and carbon dioxide.
Incompatibility Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Chronic toxicity Not Available
Oral toxicity LD50/oral/rat >mg/kg, Not harmful.
Inhalation toxicity LC50:inh/rat >5 mg/L/4 hrs., Not harmful.
Carcinogenicity Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).
Mutagenicity Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)
Reproductive toxicity Not classified as toxic according to EU Directive 67/548/EEC or DFG (Germany)

12. ECOLOGICAL INFORMATION

Other information No data available for ecological and wastewater treatment (sewage) systems.

13. DISPOSAL CONSIDERATIONS

Disposal instructions HP's Planet Partners (trademark) supplies recycling program enables simple, convenient recycling of HP original inkjet and LaserJet supplies. For more information and to determine if this service is available in your location, please visit <http://www.hp.com/recycle>. Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state, and local regulations.
Waste from residues / unused products Dispose of in compliance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION

General Not a regulated article under United States DOT, IATA, ADR, IMDG, or RID.

15. REGULATORY INFORMATION

International regulations All chemical substances in this HP product have been notified or are exempt from notification under chemical substances notification laws in the following countries: US (TSCA), EU (EINECS/ELINCS), Switzerland, Canada (DSL/NDSL), Australia, Japan, Philippines, South Korea, New Zealand, and China.
US federal regulations US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.
State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.
HMIS ratings Health: 1
Flammability: 1
Physical hazard: 0



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NFPA ratings Health: 1
 Flammability: 1
 Instability: 0

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Section 302 extremely hazardous substance No

Section 311 hazardous chemical No

Hazard categories Immediate Hazard - No
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

16. OTHER INFORMATION

Other information This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

Issue date Feb 27 2007 11:04AM

Revision 2

Replaces sheet dated Feb 26 2007 3:48PM

Disclaimer This [Material] Safety Data Sheet is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company at the time of preparation of this (M)SDS and is believed to be accurate. It should not be construed as guaranteeing specific properties of the products as described or suitability for a particular application.

MSDS sections updated 3. Hazards Identification: Emergency Overview
 3. Hazards Identification: Routes of exposure
 13. Disposal Considerations: Disposal instructions

Explanation of abbreviations

ACGIH	American Conference of Governmental Industrial Hygienists
CAS	Chemical Abstracts Service
CERCLA	Comprehensive Environmental Response Compensation and Liability Act
CFR	Code of Federal Regulations
COC	Cleveland Open Cup
DOT	Department of Transportation
EPCRA	Emergency Planning and Community Right-to-Know Act (aka SARA)
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
REC	Recommended
REL	Recommended Exposure Limit
SARA	Superfund Amendments and Reauthorization Act of 1986
STEL	Short-Term Exposure Limit
TCLP	Toxicity Characteristics Leaching Procedure
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
VOC	Volatile Organic Compounds