



Material Safety Data Sheet

1. Product and Company Identification

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| Material name | HP Color LaserJet C8560A Imaging Drum Cartridge |
| Use of the preparation | This product is an imaging drum that is used in HP Color LaserJet 9500/9500mfp series printers. |
| Version # | 06 |
| Revision date | 27-Apr-2009 |
| Company identification | Hewlett-Packard Company 3000 Hanover Street Palo Alto, CA 94304-1185 United States Telephone 650-857-1501 Hewlett-Packard health effects line (Toll-free within the US) 1-800-457-4209 (Direct) 1-503-494-7199 HP Customer Care Line (Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551 Email: hpcustomerinquiries@hp.com |
| Date prepared | Apr 27, 2009 |
| MSDS number | 410619 |

2. Hazards Identification

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| Acute health effects | |
| Skin contact | Unlikely to cause skin irritation. |
| Eye contact | Unlikely to cause irritation under normal use conditions. |
| Inhalation | Unlikely to cause irritation under normal use conditions. |
| Ingestion | Unlikely to cause irritation under normal use conditions. |
| Potential health effects | |
| Routes of exposure | Skin contact |
| Chronic health effects | None known. |
| Carcinogenicity | None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH. |
| Other information | This product is not classified as hazardous according to OSHA CFR 1910.1200 or EU Directive 1999/45/EC, as amended. |

3. Composition / Information on Ingredients

| Component/substance | CAS number | % by weight |
|-----------------------|--------------|-------------|
| Aluminum alloy | Trade Secret | < 98 |
| Aryl amine derivative | Trade secret | < 1 |
| Polyester resin | Trade Secret | < 1 |
| Titanium dioxide | 13463-67-7 | < 1 |

4. First Aid Measures

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| First aid procedures | |
| Eye contact | 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. |
| Skin contact | Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists. |
| Inhalation | Move person to fresh air immediately. If irritation persists, consult a physician. |



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Ingestion

Rinse mouth out with water. Drink one to two glasses of water. If symptoms occur, consult a physician.

5. Fire Fighting Measures

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| Flash point and method | Not applicable |
| Hazardous combustion products | Combustion will produce carbon dioxide, carbon monoxide, and nitrogen oxides. |
| Flammable properties | None known. |
| Extinguishing media | |
| Suitable extinguishing media | CO2, water, dry chemical, or foam |
| Unusual fire and explosion hazard | None known. |
| Protection of firefighters | |
| Protective equipment and precautions for firefighters | If fire occurs in the printer, treat as an electrical fire. |
| Special firefighting procedures | None established. |

6. Accidental Release Measures

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| Personal precautions | Not applicable. |
| Environmental precautions | See also section 13 Disposal considerations. |
| Other information | Not applicable. |

7. Handling and Storage

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

8. Exposure Controls / Personal Protection

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| Exposure guidelines | None established. |
| Personal protective equipment | |
| General | No personal respiratory protective equipment required under normal conditions of use. |

9. Physical & Chemical Properties

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|--|----------------------------|
| Appearance | Viridian aluminum cylinder |
| Color | Greenish blue |
| Odor | Odorless |
| Odor threshold | Not available. |
| Physical state | Not available. |
| Form | solid |
| pH | Not applicable |
| Melting point | > 212 °F (> 100 °C) |
| Freezing point | Not available. |
| Boiling point | Not applicable |
| Flash point | Not applicable |
| Evaporation rate | Not applicable |
| Flammability | Not available. |
| Flammability limits in air, upper, % by volume | Not available. |



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| Flammability limits in air, lower, % by volume | Not flammable |
| Vapor pressure | Not applicable |
| Vapor density | Not applicable |
| Specific gravity | No information available |
| Relative density | Not available. |
| Solubility (water) | Not available. |
| Partition coefficient (n-octanol/water) | Not available. |
| Auto-ignition temperature | Not applicable |
| Decomposition temperature | Not available. |
| Viscosity | Not applicable |

10. Chemical Stability & Reactivity Information

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| Chemical stability | Stable under normal storage conditions. |
| Conditions to avoid | Imaging Drum: Exposure to light |
| Incompatible materials | Strong oxidizers |
| Hazardous decomposition products | No decomposition if stored normally. |
| Possibility of hazardous reactions | Will not occur. |

11. Toxicological Information

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| Oral toxicity | LD50/oral/rat >2000 mg/kg; (OECD 401); Not harmful.. Not classified for acute oral toxicity according to EU Directive 67/548/EEC and 1999/45/EC. |
| Eye irritation | Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended. |
| Sensitization | Not classified as a sensitizer according to EU Directive 67/548/EEC and as amended, and OSHA HCS (US). |
| Chronic toxicity | No information available. |
| 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 and as amended, California Prop. 65, and DFG (Germany). |

12. Ecological Information

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|--------------------------------------|----------------|
| Persistence and degradability | Not available. |
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13. Disposal Considerations

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| Disposal instructions | 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. 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 . |
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14. Transport Information

IATA

Not regulated as dangerous goods.

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



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15. Regulatory Information

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| US federal regulations | US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA. |
| CERCLA (Superfund) reportable quantity | None |
| Superfund Amendments and Reauthorization Act of 1986 (SARA) | |
| Hazard categories | Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No |
| Section 302 extremely hazardous substance | No |
| Section 311 hazardous chemical | No |
| 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. |

16. Other Information

| | |
|---------------------------------|---|
| HMIS® ratings | Health: 1 Flammability: 1 Physical hazard: 0 |
| NFPA ratings | Health: 1 Flammability: 1 Instability: 0 |
| Issue date | Apr 27 2009 3:24PM |
| Revision | 6 |
| Replaces sheet dated | Apr 26 2009 6:11PM |
| Manufacturer information | Hewlett-Packard Company 11311 Chinden Boulevard Boise, ID 83714 USA (Direct) 1-503-494-7199 (Toll-free within the US) 1-800-457-4209 |
| Other information | This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200). |
| Disclaimer | This Safety Data Sheet document 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 document 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. This document was prepared to the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries. |
| MSDS sections updated | 5. Fire Fighting Measures: Suitable extinguishing media 5. Fire Fighting Measures: Unsuitable extinguishing media 15. Regulatory Information: US federal regulations |



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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 |