1. Product and Company Identification

Identification of the preparation
HP LaserJet C8543X-XC-YC Print Cartridge

Product use
This product is a toner preparation that is used in HP LaserJet 9000/9000mfp/9000L/9040/9040mfp/M9040mfp/9050/9050mfp/M9050mfp series printers.

Version #
13

Revision date
31-Jan-2013

Company identification
Hewlett-Packard Company
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Palo Alto, CA 94304-1185
United States
Telephone 650-857-1501

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(Direct) 1-503-494-7199
HP Customer Care Line
(Toll-free within the US) 1-800-474-6836
(Direct) 1-208-323-2551
Email: hpcustomer.inquiries@hp.com

2. Hazards Identification

Acute health effects
- 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: Low acute toxicity. Ingestion is a minor route of entry for intended use of this product.

Potential health effects

Routes of exposure
Potential routes of exposure under normal use conditions are skin, eye contact and inhalation.

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 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.

This preparation contains no component classified as Persistent, Bioaccumulative, and Toxic (PBT) or very Persistent and very Bioaccumulative (vPvB) as defined under Regulation (EC) 1907/2006.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Styrene acrylate copolymer</td>
<td>Trade Secret</td>
<td>&lt; 55</td>
</tr>
<tr>
<td>Iron oxide</td>
<td>1317-61-9</td>
<td>&lt; 50</td>
</tr>
</tbody>
</table>

4. First Aid Measures

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.
### 5. Fire Fighting Measures

**Flammable properties**
Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.

**Extinguishing media**
- **Suitable extinguishing media**: CO₂, water, or dry chemical
- **Unsuitable extinguishing media**: None known.

**Protection of firefighters**
- **Protective equipment and precautions for firefighters**: If fire occurs in the printer, treat as an electrical fire.
- **Specific methods**: None established.

**Hazardous combustion products**
Carbon monoxide and carbon dioxide.

### 6. Accidental Release Measures

**Personal precautions**
Minimize dust generation and accumulation.

**Environmental precautions**
Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

**Other information**
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. Fine powder can form explosive dust-air mixtures. Dispose of in compliance with federal, state, and local regulations.

### 7. Handling and Storage

**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

**Exposure guidelines**
- USA OSHA (TWA/PEL): 15 mg/m³ (Total Dust), 5 mg/m³ (Respirable Fraction)
- ACGIH (TWA/TLV): 10 mg/m³ (Inhalable Particulate), 3 mg/m³ (Respirable Particulate)

**Engineering controls**
Use in a well ventilated area.

**Personal protective equipment**
- **General**: No personal respiratory protective equipment required under normal conditions of use.

### 9. Physical & Chemical Properties

- **Appearance**: Fine powder
- **Color**: Black
- **Odor**: Slight plastic odor
- **Odor threshold**: Not available.
- **Physical state**: Solid
- **Form**: solid
- **pH**: Not applicable
- **Melting point**: Not available.
- **Freezing point**: Not available.
Boiling point: Not applicable
Flash point: Not available.
Evaporation rate: Not available.
Flammability limits in air, upper, % by volume: Not available.
Flammability limits in air, lower, % by volume: Not flammable
Vapor pressure: Not applicable
Vapor density: Not available.
Specific gravity: 1.5 - 1.8 (H2O = 1)
Relative density: Not available.
Solubility (water): Negligible in water. Partially soluble in toluene and xylene.
Auto-ignition temperature: Not applicable
Decomposition temperature: > 392 °F (> 200 °C)
Softening point: 212 - 302 °F (100 - 150 °C)
Viscosity: Not applicable
Percent volatile: 0 % estimated
VOC: Not available.

10. Chemical Stability & Reactivity Information
Chemical stability: Stable under normal storage conditions.
Conditions to avoid: Imaging Drum: Exposure to light
Incompatible materials: Strong oxidizers
Hazardous decomposition products: Carbon monoxide and carbon dioxide.
Possibility of hazardous reactions: Will not occur.

11. Toxicological Information
Carcinogenicity: Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).
Serious eye damage/eye irritation: Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.
Chronic toxicity: No information available.
Mutagenicity: Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)
Reproductivity: Not classified as toxic according to EU Directive 67/548/EEC and as amended, California Prop. 65, and DFG (Germany).
Further information: Complete toxicity data are not available for this specific formulation Refer to Section 2 for potential health effects and Section 4 for first aid measures.

12. Ecological Information
Ecotoxicity: LL50: > 1000 mg/l, Rainbow Trout, 96.00 Hours
Persistence and degradability: Not available.
13. Disposal Considerations

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.

14. Transport Information

Further information
2 or more of these cartridges shipped together in a single package (e.g., box, container), by air, are regulated as a magnetized material. These requirements do not apply to single or dual pack cartridges contained in an original HP package and shrink wrapped on a pallet for shipment by air.

DOT
Not regulated as dangerous goods.

IATA

Basic shipping requirements:
Proper shipping name: Magnetized Material
UN number: 2807

IMDG
Not regulated as dangerous goods.

RID
Not regulated as dangerous goods.

15. Regulatory Information

US federal regulations
US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

DEA Exempt Chemical Mixtures Code Number
Not regulated.

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))
Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number
Not listed.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

CERCLA (Superfund) reportable quantity
None

Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical
No

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

State regulations
US. Massachusetts RTK - Substance List
Not regulated.

US. New Jersey Worker and Community Right-to-Know Act
Not regulated.
US. Pennsylvania RTK - Hazardous Substances
Not regulated.
US. Rhode Island RTK
Not regulated.

Regulatory information
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

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

HMIS® ratings
Health: 1
Flammability: 1
Physical hazard: 0

NFPA ratings
Health: 1
Flammability: 1
Instability: 0

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.

Issue date
31-Jan-2013

This data sheet contains changes from the previous version in section(s):
9. Physical & Chemical Properties: Color
9. Physical & Chemical Properties: Other information

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Explaination 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