Material Safety Data Sheet

1.0 Product and Company Identification

Identification of the Preparation
HP LaserJet Print Cartridge 92274A

Company Identification
Hewlett-Packard Company
11311 Chinden Boulevard
Boise, Idaho 83714
United States

Emergency Telephone Number
Hewlett-Packard Health Effects Line
1-800-457-4209 (USA and Canada)
503-494-7199 (USA direct)
Singapore: +001-800-332-13321

General Information Telephone Number
208-323-2551 (USA direct)

Local Contact Information
Ireland
Liffey Park Technology Campus
Barnhall Road, Leixlip, Co.
KildarePhone: 01 6150000

United Kingdom
Hewlett-Packard, Ltd.
Cain Road, Amen Corner
Bracknell, Berkshire, RG12 1HN
Phone: 1344 36-0000

<table>
<thead>
<tr>
<th>Hazard Rating</th>
<th>US NFPA/HMIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>1</td>
</tr>
<tr>
<td>Flammability</td>
<td>1</td>
</tr>
<tr>
<td>Instability/Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Special</td>
<td>N/A</td>
</tr>
</tbody>
</table>

2.0 Composition/Information on Ingredients

This product is a toner preparation that is used in Hewlett-Packard LaserJet 4P, 4L, 4MP, and 4ML series printers.

<table>
<thead>
<tr>
<th>Component/Substance</th>
<th>CAS Number</th>
<th>EU Number</th>
<th>% by Weight</th>
<th>Risk Phrases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Styrene Acrylate Copolymer</td>
<td>-</td>
<td>-</td>
<td>45 - 55</td>
<td>-</td>
</tr>
<tr>
<td>Iron Oxide</td>
<td>1317-61-9</td>
<td>215-277-5</td>
<td>45 - 55</td>
<td>-</td>
</tr>
</tbody>
</table>

3.0 Hazard Identification

This product is not classified as hazardous according to OSHA CFR 1910.1200 or EU Directive 1999/45/EC, and as amended.

3.1 Routes of Exposure
Inhalation, ingestion, skin, and eyes.

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3.2 Acute Health Hazards
Inhalation: Minimal respiratory tract irritation may occur with exposure to large amount of toner dust.
Ingestion: Ingestion is not applicable route of entry for intended use.
Skin: None currently known
Eyes: May cause transient slight irritation.

3.3 Chronic Health Hazards
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.

3.4 Carcinogenicity
Refer to section 11.

4.0 First Aid Measures
Inhalation: Move person to fresh air immediately. If symptoms occur, consult a physician
Ingestion: Rinse mouth with water. Drink one to two glasses of water. If symptoms occur, consult a physician
Skin: Wash affected areas thoroughly with soap and water. If symptoms occur, consult a physician
Eyes: Immediately flush with large amounts of clean, lukewarm water (low pressure) for at least 15 minutes. If symptoms occur, consult a physician

5.0 Fire Fighting Measures
Extinguishing media CO₂, water, dry chemical
Unsuitable Extinguishing Media None known
Special Firefighting Procedures None
Unusual fire and explosion hazards Toner material, like most organic material in powder form is capable of creating a dust explosion.
Auto-ignition temperature No data available
Flashpoint (method) Not applicable
Hazardous Combustion Products Carbon monoxide, carbon dioxide, smoke
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6.0 Accidental release measures

Spill or leak procedures  Avoid breathing dust. Minimize the release of particles. Slowly 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 waste toner in accordance with local requirements.

Environmental precautions  Do not discharge into drains (See also section 13 Disposal Considerations).

7.0 Handling and Storage

Advice on safe handling and protection against fire  Keep material out of reach of children. Avoid inhalation of dust and contact with eyes. Keep away from excessive heat, sparks, and open flames.

Requirements for storage rooms and advice on storage compatibility  Keep container closed and store at room temperature. Keep away from strong oxidizers.

8.0 Exposure control/ personal protection

8.1 Exposure Limit Values

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)

TRGS 900 (Luftgrenzwert):  3 mg/m³ (Alveolengängige Fraktion)

8.2 Exposure Controls

Respiratory protection  Not required under intended use
Ventilation  Good general ventilation should be sufficient under intended use

Protective gloves  Not required under intended use
Eye protection  Not required under intended use

Other protective equipment  Not required under intended use

9.0 Physical and chemical properties

pH  Not applicable
Boiling point  Not applicable
Flash point  Not applicable
Melting point  100 - 150°C (Softening Point)
Flammability  Non-flammable solid (according to test methods of USA 16 CFR 1500.44 and 84/449/EEC and as amended (Annex V) A.10)
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Explosive properties: Toner material, like most organic material in powder form, is capable of creating a dust explosion.

Oxidizing properties: No data available
Vapor Pressure: Not applicable
Specific gravity (H₂O=1): 1.5 - 1.8
Solubility in water: Negligible
Solubility in organic solvents: Partially soluble in toluene and xylene
Partition coefficient: Not applicable
Viscosity: Not applicable
Vapor density: Not applicable
Evaporation rate: Not applicable
Physical state: Fine powder
Odor: Slight plastic odor
Color: Black
Other: None known

10.0 Stability and reactivity

Stability: Stable under normal storage conditions
Incompatibilities: Strong oxidizers
Hazardous decomposition products: CO₂, CO
Hazardous polymerization: Will not occur

11.0 Toxicological information

Refer to Section 3 for potential health effects and Section 4 for first aid measures

Acute Toxicity:
Ingestion: LD₅₀: oral-rat>5000 mg/kg, nct harmful
Eye Contact: Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.
Skin Contact: Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.
Chronic Toxicity: No data available

Other Toxicity Data:
Mutagenicity: Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)
Carcinogenicity: Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).

12.0 Ecological Information

No data available for ecological and wastewater treatment (sewage) systems.
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13.0 Disposal considerations

Do not put toner or print cartridge into fire; heated toner may cause severe burns. Do not shred print 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.

14.0 Transportation information

Not a regulated article under DOT, IATA, ADR, or RID

<table>
<thead>
<tr>
<th>UN Number</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class</td>
<td>None</td>
</tr>
<tr>
<td>Proper Shipping Name</td>
<td>None</td>
</tr>
<tr>
<td>Packing Group</td>
<td>None</td>
</tr>
<tr>
<td>Special Precautions</td>
<td>None</td>
</tr>
</tbody>
</table>

15.0 Regulatory information

<table>
<thead>
<tr>
<th>US EPA TSCA Inventory</th>
<th>All chemical substances in this product comply with all rules or orders under TSCA.</th>
</tr>
</thead>
<tbody>
<tr>
<td>US EPA TSCA 12(b)</td>
<td>Contains p-Xylene - [CAS No. 106-42-3]</td>
</tr>
<tr>
<td>US California Proposition 65</td>
<td>None</td>
</tr>
<tr>
<td>EU Notification</td>
<td>All components in this product are compliant with EU Chemical Inventory regulations.</td>
</tr>
<tr>
<td>EU R&amp;S Phrase Information</td>
<td>No European Risk Phrases (labeling data)</td>
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<tr>
<td>Dangerous Components (CAS No.) wt%</td>
<td>None</td>
</tr>
</tbody>
</table>

USA Labeling

<table>
<thead>
<tr>
<th>Signal Word</th>
<th>Not required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Warning</td>
<td>Not required</td>
</tr>
<tr>
<td>Safety Advice</td>
<td>Not required</td>
</tr>
<tr>
<td>Hazardous Component(s)</td>
<td>None</td>
</tr>
</tbody>
</table>

16.0 Other information

Date Prepared: July 1, 2004

HP-DMS Document Control

Number:

Revision Information:

EU & US Information: This document replaces all prior versions of the MSDS

This MSDS was prepared in compliance with EU Directive 91/155/EEC as amended by 2001/58/EC and USA OSHA Hazard Communications regulations (29CFR1910:1200).

DISCLAIMER: This Material Safety Data Sheet (MSDS) is provided without charge to customers of Hewlett-Packard. Data is the most current known to Hewlett-Packard at the time of preparation of this MSDS and is believed to be accurate. It should not be construed as guaranteeing specific properties of the product as described or its suitability for a particular application.

July 1, 2004