



1. Product and Company Identification

Material name HP Color LaserJet CB386A Imaging Drum Cartridge

Use of the preparation This product is an imaging drum that is used in HP Color LaserJet CP6015 and CM6040 MFP

series printers.

Version # 02

Revision date 29-Apr-2009

Company identification Hewlett-Packard Company

3000 Hanover Street Palo Alto, CA 94304-1185

**United States** 

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Date prepared Apr 28, 2009 MSDS number 416522

#### 2. Hazards Identification

Acute health effects

**Skin contact** Unlikely to cause skin irritation.

Eye contactUnlikely to cause irritation under normal use conditions.InhalationUnlikely to cause irritation under normal use conditions.IngestionUnlikely 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	
Trade Secret	Trade Secret	< 99	
Aryl amine derivative	Trade Secret	< 1	
Polyester resin	Trade Secret	< 1	
Titanium dioxide	13463-67-7	< 1	







5. Fire Fighting Measures

Flash point and method Not applicable

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

products

Flammable properties None known.

Extinguishing media

Suitable extinguishing

media

CO2, water, dry chemical, or foam

Unsuitable extinguishing

media

None known.

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

Personal precautions Not applicable.

**Environmental precautions** See also section 13 Disposal considerations.

Other information Not applicable.

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 in the original container. Keep at

temperatures below 45°C. Keep the container tightly closed and dry. Store away from strong

oxidizers.

8. Exposure Controls / Personal Protection

**Exposure guidelines** None established.

Personal protective equipment

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

9. Physical & Chemical Properties

Appearance Viridian aluminum cylinder

ColorGreenish blueOdorOdorlessOdor thresholdNot available.Physical stateNot available.

Form solid

pH Not applicable



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Flammability limits in air, upper, % by volume

Not available.

Flammability limits in air,

Not flammable

lower, % by volume Vapor pressure

Vapor density

Not applicable Not applicable

No information available Specific gravity

Relative density Not available. Negligible Solubility (water) Partition coefficient Not available.

(n-octanol/water)

Not applicable

Auto-ignition temperature Not available. **Decomposition temperature Viscosity** Not applicable

### 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

No decomposition if stored normally.

Possibility of hazardous

reactions

Will not occur.

#### 11. Toxicological Information

Eye irritation Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU

Directive 67/548/EEC and as amended.

Not classified as a sensitizer according to EU Directive 67/548/EEC and as amended, and Sensitization

OSHA HCS (US).

No information available. **Chronic toxicity** 

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

Not available. Persistence and degradability

#### 13. Disposal Considerations

Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely **Disposal instructions** 

dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal,

state, and local regulations.



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15. Regulatory Information

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** 

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

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

Health: 1 **HMIS®** ratings

Flammability: 1

Physical hazard: 0

NFPA ratings Health: 1

Flammability: 1 Instability: 0

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Revision

Replaces sheet dated Apr 26 2009 10:12PM

Manufacturer information Hewlett-Packard Company

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Other information This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation

(29 CFR 1910.1200).

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> 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

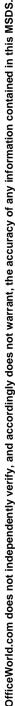
Section 1 above and may not meet regulatory requirements in other countries.

MSDS sections updated 1. Product and Company Identification: Use of the preparation

5. Fire Fighting Measures: Suitable extinguishing media

5. Fire Fighting Measures: Unsuitable extinguishing media







#### **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

