



# Material Safety Data Sheet

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Material name** HP Color LaserJet C9704A Imaging Drum Cartridge

**Use of the preparation** This product is an imaging drum that is used in HP Color LaserJet 1500/2500 series printers.

**Company identification** Hewlett-Packard México DF  
Prolongación Reforma #700  
Colonia Lomas de Santa Fé  
Delegación Alvaro Obregón  
México City 01210 México  
Telephone (55) 5258-4600

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  
Poison Information Centre telephone number

## 2. HAZARDS IDENTIFICATION

**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	Trade secret	< 1
Titanium dioxide	13463-67-7	< 1

## 4. FIRST AID MEASURES

**First aid procedures**

**Eye contact** Not applicable.

**Skin contact** In case of irritation, wash with soap and water.

**Inhalation** Not applicable.

**Ingestion** Not applicable.

## 5. FIRE-FIGHTING MEASURES

**Flash point and method** Not applicable



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<b>Hazardous combustion products</b>	Combustion will produce carbon dioxide, carbon monoxide, and nitrogen oxides.
<b>Flammable properties</b>	None known.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	CO2, water, dry chemical, or foam
<b>Unusual fire and explosion hazard</b>	None known.
<b>Protection of firefighters</b>	
<b>Protective equipment and precautions for firefighters</b>	If fire occurs in the printer, treat as an electrical fire.
<b>Special firefighting procedures</b>	None established.

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## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Not applicable.
<b>Environmental precautions</b>	See also section 13 Disposal considerations.
<b>Other information</b>	Not applicable.

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## 7. HANDLING AND STORAGE

<b>Handling</b>	Keep out of the reach of children. Keep container closed and store at room temperature. Keep away from strong oxidizers. Keep away from excessive heat, sparks, and open flames.
<b>Storage</b>	Keep out of the reach of children. Store at room temperature. Keep at temperatures below 45°C. Store away from strong oxidizers. Keep tightly closed and dry.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Occupational exposure limits

#### Mexico

#### Components

	Type	Value
Titanium dioxide (13463-67-7)	STEL	20 mg/m3
	TWA	10 mg/m3

**Exposure guidelines** None established.

#### Personal protective equipment

##### General

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

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Viridian aluminum cylinder
<b>Color</b>	Greenish blue
<b>Odor</b>	Odorless
<b>Odour threshold</b>	Not available.
<b>Physical state</b>	Not available.
<b>Form</b>	solid
<b>pH</b>	Not applicable
<b>Melting point</b>	> 100 °C (> 212 °F)
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not applicable
<b>Flash point</b>	Not applicable
<b>Evaporation rate</b>	Not applicable
<b>Flammability</b>	Not available.



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<b>Flammability limits in air, upper, % by volume</b>	Not available.
<b>Flammability limits in air, lower, % by volume</b>	Not flammable
<b>Vapor pressure</b>	Not applicable
<b>Vapor density</b>	Not applicable
<b>Specific gravity</b>	No information available
<b>Relative density</b>	Not available.
<b>Solubility (water)</b>	Negligible. Partially soluble in ketones, esters, and aromatic solvents.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not applicable
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not applicable

## 10. CHEMICAL STABILITY & REACTIVITY INFORMATION

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

## 11. TOXICOLOGICAL INFORMATION

<b>Oral toxicity</b>	LD50/oral/rat >2000mg/kg; (OECD 401); Not harmful.. Not classified for acute oral toxicity according to EU Directive 67/548/EEC and 1999/45/EC.
<b>Eye irritation</b>	Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.
<b>Sensitization</b>	Not classified as a sensitizer according to EU Directive 67/548/EEC and as amended, and OSHA HCS (US).
<b>Chronic toxicity</b>	No information available.
<b>Carcinogenicity</b>	Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).
<b>Mutagenicity</b>	Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)
<b>Reproductive toxicity</b>	Not classified as toxic according to EU Directive 67/548/EEC and as amended, California Prop. 65, and DFG (Germany).

## 12. ECOLOGICAL INFORMATION

<b>Persistence and degradability</b>	Not available.
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## 13. DISPOSAL CONSIDERATIONS

<b>Disposal instructions</b>	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 <a href="http://www.hp.com/recycle">http://www.hp.com/recycle</a> .
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## 14. TRANSPORT INFORMATION

Not available.



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General

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

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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**

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.

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## 16. OTHER INFORMATION

**Manufacturer** Hewlett-Packard Company  
11311 Chinden Boulevard  
Boise, ID 83714 USA  
(Direct) 1-503-494-7199  
(Toll-free within the US) 1-800-457-4209

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

**NFPA ratings** Health: 1  
Flammability: 1  
Instability: 0

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## Explanation of abbreviations

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