



# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>Identification of the substance/preparation</b>	HP Color LaserJet Q3964A Imaging Drum Cartridge
<b>Use of the preparation</b>	This product is an imaging drum that is used in HP Color LaserJet 2550/2820/2840 series printers.
<b>Company identification</b>	Hewlett-Packard d.o.o. Tivolska cesta 48 1000 Ljubljana, Slovenia
<b>Emergency telephone number</b>	
<b>Poison Information Centre telephone number</b>	+386 1522 8619
<b>Hewlett-Packard health effects line</b>	
<b>(Toll-free within the US)</b>	1-800-457-4209
<b>(Direct)</b>	1-503-494-7199
<b>General information telephone number</b>	
<b>Telephone</b>	+386 1 2307 420
<b>HP Customer Care Line</b>	
<b>(Toll-free within the US)</b>	1-800-474-6836
<b>(Direct)</b>	1-208-323-2551
<b>Email</b>	hpcustomerinquiries@hp.com

## 2. HAZARDS IDENTIFICATION

<b>Acute health effects</b>	
<b>Skin contact</b>	Unlikely to cause skin irritation.
<b>Eye contact</b>	Unlikely to cause irritation under normal use conditions.
<b>Inhalation</b>	Unlikely to cause irritation under normal use conditions.
<b>Ingestion</b>	Unlikely to cause irritation under normal use conditions.
<b>Potential health effects</b>	
<b>Routes of exposure</b>	Skin contact
<b>Chronic health effects</b>	None known.
<b>Carcinogenicity</b>	None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH.
<b>Physical hazards</b>	Not classified as a physical hazard.
<b>Health hazards</b>	Not classified as a health hazard.
<b>Environmental hazards</b>	Not classified as an environmental hazard.
<b>Other information</b>	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	EU number	EU classification
Aluminum alloy	Trade Secret	95 - 98		
polyester	Trade Secret	0.2 - 1		
Aryl amine derivative		0.2 - 1		
Titanium dioxide	13463-67-7	0.2 - 1	236-675-5	



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## 4. FIRST AID MEASURES

Inhalation	Not applicable
Skin contact	In case of irritation, wash with soap and water.
Eye contact	Not applicable
Ingestion	Not applicable

## 5. FIRE-FIGHTING MEASURES

Flash point and method	not applicable
Fire fighting equipment/instructions	If fire occurs in the printer, treat as an electrical fire.
Suitable extinguishing media	Dry chemical, carbon dioxide.
Extinguishing media which must not be used for safety reasons	water or foam
Unusual fire & explosion hazards	None known.
Hazardous combustion products	Combustion will produce carbon dioxide, carbon monoxide, and nitrogen oxides.
Specific methods	None established.

## 6. ACCIDENTAL RELEASE MEASURES

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

## 7. HANDLING AND STORAGE

Handling	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.
Storage	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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure limits

#### ACGIH

Components	CAS #	TWA	STEL	Ceiling
Titanium dioxide	13463-67-7	10 mg/m <sup>3</sup>	Not established	Not established

**Additional exposure data** None established.

#### Personal protective equipment

##### General

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viridian aluminum cylinder
Physical state	Not available
Form	solid
Colour	Greenish blue



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<b>Odour</b>	Odorless
<b>Odour threshold</b>	Not available
<b>pH</b>	not applicable
<b>Boiling point</b>	not applicable
<b>Flash point</b>	not applicable
<b>Flammability</b>	Not available.
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not flammable
<b>Vapour pressure</b>	not applicable
<b>Relative density</b>	Not available
<b>Solubility in water</b>	Negligible. Partially soluble in ketones, esters, and aromatic solvents.
<b>Partition coefficient (n-octanol/water)</b>	Not available
<b>Viscosity</b>	not applicable
<b>Vapour density</b>	not applicable
<b>Evaporation rate</b>	not applicable
<b>Melting point</b>	> 100 °C (> 212 °F)
<b>Freezing point</b>	Not available
<b>Auto-ignition temperature</b>	not applicable
<b>Specific gravity</b>	No information available

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal storage conditions.
<b>Conditions to avoid</b>	Imaging Drum: Exposure to light
<b>Materials to avoid</b>	Not available
<b>Hazardous decomposition products</b>	No decomposition if stored normally.
<b>Hazardous polymerisation</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>Chronic toxicity</b>	No information available.
<b>Sensitisation</b>	Not classified as a sensitizer according to EU Directive 67/548/EEC and as amended, and OSHA HCS (US).
<b>Carcinogenicity</b>	Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).



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<b>Mutagenicity</b>	Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)
<b>Reproductivity</b>	Not classified as toxic according to EU Directive 67/548/EEC and as amended, California Prop. 65, and DFG (Germany).
<b>Further information</b>	Complete toxicity data are not available for this specific formulation. Refer to Section 3 for potential health effects and Section 4 for first aid measures.

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## 12. ECOLOGICAL INFORMATION

<b>Other adverse effects</b>	This product has not been tested for ecological effects.
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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> .
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

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## 14. TRANSPORT INFORMATION

### ADR

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

<b>General</b>	Not a regulated article under United States DOT, IATA, ADR, IMDG, or RID.
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## 15. REGULATORY INFORMATION

<b>International regulations</b>	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/NDL), Australia, Japan, Philippines, South Korea, New Zealand, and China.
<b>Labelling</b>	
<b>Contains</b>	Aluminum alloy, Aryl amine derivative, polyester, Titanium dioxide

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## 16. OTHER INFORMATION

<b>Manufacturer information</b>	Hewlett-Packard Company 11311 Chinden Boulevard Boise, ID 83714 USA
<b>Other information</b>	This MSDS was prepared in compliance with EU Directive 91/155/EEC as amended by 2001/58/EC.



# SAFETY DATA SHEET

**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**

15-Jun-2008

**Revised sections**

3. Hazards identification: Other information  
7. Handling and storage: Storage

**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