



Material Safety Data Sheet

1.0 Product and Company Identification

Identification of the preparation **HP Color LaserJet Image Drum Cartridge Q3964A**

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

Emergency telephone number 1-800-457-4209 (USA and Canada)
Hewlett-Packard Health Effects Line Intl: +1-503-494-7199 (all other areas)
Singapore: +001-800-332-13321

General information telephone number 1-208-323-2551 (USA and Canada)
Intl: +1-208-323-2551 (all other areas)

Local Contact Information **Ireland**
Liffey Park Technology Park
Barnhall Road Leixlip, Co.
Kildare, Ireland
Phone: 01 6150000
United Kingdom
Hewlett-Packard, Ltd.
Cain Road, Amen Corner
Bracknell, Berkshire, RG12 1HN
Phone: 1344 36-0000

Hazard Rating	US NFPA/HMIS
Health	1
Flammability	1
Instability/Reactivity	0
Special	N/A

2.0 Composition/Information on Ingredients

This product is an imaging device that is used in Hewlett-Packard Color LaserJet 2550 series printers. This product is not classified as hazardous according to OSHA CFR 1910.1200 or EU Directive 1999/45/EC, and as amended.

Component/Substance	CAS Number	EU Number	% by Weight	Risk Phrases
Aluminum alloy	-	-	95 - 98	-
Titanium dioxide	13463-67-7	236-675-5	0.2 - 1.0	-
Polyester resin	-	-	0.2 - 1.0	-
Aryl amine derivative	-	-	0.2 - 1.0	-



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3.0 Hazard Identification

Routes of Exposure	Inhalation, Ingestion, skin and eyes.
Acute Health Hazards	
Inhalation:	Not an applicable route of entry for intended use.
Ingestion:	Not an applicable route of entry for intended use.
Skin:	Unlikely to cause skin irritation under normal use conditions.
Eyes:	Not applicable under intended use.
Chronic Health Hazards	None known.
Carcinogenicity	Refer to section 11.

4.0 First Aid Measures

Inhalation:	Not applicable.
Ingestion:	Not applicable.
Skin:	In case of irritation, wash skin with soap and water. If irritation persists, consult a physician.
Eyes:	Not applicable.

5.0 Fire Fighting Measures

Extinguishing media	CO ₂ , dry chemical
Unsuitable Extinguishing Media	Water or foam
Special Firefighting Procedures	If fire occurs in the printer, treat as an electrical fire – Do not extinguish with water or foam.
Unusual fire and explosion hazards	None
Auto-ignition temperature	Not applicable
Flashpoint (method)	Not applicable
Hazardous Combustion Products	Carbon dioxide, carbon monoxide, nitrogen oxides

6.0 Accidental release measures

Spill or leak procedures	Not applicable
Environmental precautions	See section 13 Disposal Considerations



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7.0 Handling and Storage

Advice on safe handling and protection against fire None

Requirements for storage rooms and advise on storage compatibility Maintain storage temperature less than 45 °C.

8.0 Exposure control/ personal protection

Exposure Limit Values None
Exposure Controls Not required under normal conditions
Respiratory protection
Ventilation
Protective gloves
Eye protection
Other protective equipment

9.0 Physical and chemical properties

pH Not applicable
Boiling point Not applicable
Flash point Not applicable
Melting point >100°C
Explosive properties None.
Oxidizing properties No data available
Vapor Pressure Not applicable
Specific gravity (H₂O=1) No data available
Solubility in water Not soluble
Solubility in organic solvents Partially soluble in ketones, esters and aromatic solvents.
Partition coefficient Not applicable
Viscosity Not applicable
Vapor density Not applicable
Evaporation rate Not applicable
Physical state Viridian aluminum cylinder
Color Greenish blue
Odor Odorless
Other None known

10.0 Stability and reactivity

Stability Stable under normal storage conditions
Incompatibilities None
Hazardous decomposition products Carbon monoxide, carbon dioxide, nitrogen oxides
Hazardous polymerization Will not occur



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11.0 Toxicological information

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

- Acute oral toxicity:** Coating layer: LD₅₀:ori-rat>2000 mg/kg, not harmful.
- Inhalation:** No data available.
- Skin irritation:** No data available.
- Carcinogenicity:** Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).
- Mutagenicity:** Coating layer: Negative Ames test (Test strains: S.typhimurium)
- Reproductive Toxicity:** No data available
- Other:** None

12.0 Ecological Information

No information indicating any adverse ecological effects.

13.0 Disposal considerations

Do not put imaging drum cartridge into fire; heated toner may cause severe burns. Do not shred imaging drum 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 regulation.

14.0 Transportation information

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

- UN Number** None
- Class** None
- Proper Shipping Name** None
- Packing Group** None
- Special Precautions** None

15.0 Regulatory information

- US EPA TSCA** All chemical substances in this product comply with all rules or orders under TSCA.
- US EPA TSCA 12(b)** None
- US California Proposition 65** None
- EU Notification** All components in this product are compliant with EU Chemical Inventory regulations.
- EU R&S Phrase Information:** No European Risk Phrases (labeling data)
- Dangerous Components** None
- USA Labeling Symbol** Not required



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Hazard Warning Not required
Safety Advice Not required
Hazardous Component(s) None

16.0 Other information

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Revision Information: None
EU & US Information 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).

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