

**1.0 Preparation and company identity**

Identification of the preparation

**HP Laser Jet Cartridge C8061X**

Company identification

**HEWLETT-PACKARD COMPANY**  
11311 Chinden Blvd.  
Boise, ID 83714

Telephone number

**Hewlett-Packard - General Information**  
**208 323-2551****2.0 Composition/information on ingredients****This product is a toner preparation that is used in the Hewlett-Packard 4100 LaserJet series printers.**

Ingredients

<u>Substance</u>	<u>CAS number</u>	<u>Percent (wt)</u>	<u>Symbol</u>	<u>R Phrase</u>
<b>Styrene Acrylate Copolymer</b>		<b>40 - 50</b>	-	-
<b>Iron Oxide</b>	<b>(1317-61-9)</b>	<b>40 - 50</b>	-	-

**3.0 Hazards identification**

Potential Health Effects

**Ingestion effects:** Low acute toxicity. Ingestion is a minor route of entry for intended use of this product.

**Inhalation effects:** Minimal respiratory tract irritation may occur with exposure to large amounts of dust.

**Eye Effects:** May cause transient slight irritation.

**Skin effects:** Unlikely to cause skin irritation.

**Chronic Effects:** 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.

Environmental hazards

**No particular hazards known.**

**4.0 First-aid measures**

## Ingestion

**Rinse mouth with water. Drink one to two glasses of water. If symptoms occur, consult a physician immediately.**

## Inhalation

**Move person to fresh air immediately. If symptoms occur, consult a physician.**

## Eye Contact

**Do not rub eyes. Immediately flush with large amounts of clean, lukewarm water (low pressure) for at least 5 minutes or until particles are removed. If irritation persists, consult a physician.**

## Skin Contact

**Wash affected areas thoroughly with soap and water. If irritation persists, consult a physician.**

**5.0 Fire-fighting measures**

Extinguishing Media:

**CO<sub>2</sub>, water, dry chemical**

Unsuitable Extinguishing Media:

**None**

Special Fire Fighting Procedures:

**None**

Unusual Fire &amp; Explosion Hazards:

**Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.**

Flash Point (method used):

**Not applicable**

Flammable Limits:

**Not applicable**

Autoignition Temperature:

**Not available**

Flammability:

**Non-flammable solid (according to test methods of EU Directive 92/69/EEC, A10 Flammability (Solids))**

Autoflammability:

**Not applicable**

Explosive Properties:

**Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.**

Oxidizing Properties:

**Not available**

Hazardous Combustion Products:

**CO<sub>2</sub>, CO**

Other Properties:

**Not known****6.0 Accidental release measures**

## Spill and Leakage 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 tight. 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**



Advise on safe handling and protection against fire

**Keep material out of reach of children. Avoid inhalation of dust and contact with eyes.**

**Use with adequate ventilation. Keep away from excessive heat, sparks, and open flames.**

Requirements for storage rooms and advice on storage compatibility

**Keep out of the reach of children. Keep container closed and store at room temperature.**

**Keep away from strong oxidizers.**

8.0	Exposure controls / personal protection
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Exposure Limits For Toner:

USA OSHA (TWA<sup>5</sup>)/PEL):

**15 mg/m<sup>3</sup> (Total Dust)**

**5 mg/m<sup>3</sup> (Respirable Fraction)**

ACGIH (TWA/TLV):

**10 mg/m<sup>3</sup> (Inhalable Particulate)**

**3 mg/m<sup>3</sup> (Respirable Particulate)**

DFG (MAK):

**4 mg/m<sup>3</sup> (Inhalable Fraction)**

**1.5 mg/m<sup>3</sup> (Respirable Fraction)**

(Also refer to Section 2.)

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
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Boiling Point:

**Not applicable**

Melting Point:

**100 - 150°C (Softening Point)**

Decomposition Temperature:

**>200°C**

Vapor Pressure (mmHg.):

**Not applicable**

Vapor Density (Air=1):

**Not applicable**

Solubility in Water:

**Negligible**

Solubility in Organic Solvents:

**Partially soluble in toluene and xylene.**

Specific Gravity (H<sub>2</sub>O=1):

**1.4 - 1.8**

Percent Volatile by Volume:

**Negligible**

Evaporation Rate (Butyl Acetate=1):

**Not applicable**

pH:

**Not applicable**

Appearance and Odor:

**Fine black powder, slight plastic odor.**

10.0	Stability and reactivity
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Stability:

**Stable**

Incompatibility:

**Strong oxidizers**

Hazardous Decomposition Products:

**CO<sub>2</sub>, CO**

Hazardous Polymerization:

**Will not occur.**

**11.0 Toxicological information**

Inhalation:	LC <sub>50</sub> :inh-rat>5mg/L/4 hrs., not harmful.
Ingestion:	LD <sub>50</sub> :orl-rat>2000 mg/kg, not harmful.
Eye Contact:	Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC.
Skin Contact:	Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC.
Chronic Toxicity:	No data available.
Sensitization:	Not classified as a sensitizer according to EU Directive 67/548/EEC and OSHA HCS (US).
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).
Reproductive Toxicity:	Not classified as toxic according to EU Directive 67/548/EEC, California Prop. 65, or DFG (Germany).

**12.0 Ecological information**

**No data available for ecological and wastewater treatment (sewage) systems. Avoid spills and dispose of in accordance with applicable laws and regulations.**

**13.0 Disposal considerations**

**Do not put toner or toner cartridge into fire; heated toner may cause severe burns. 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 regulation.**

**14.0 Transportation information**

## International Transport Information:

UN No.:	<b>None</b>
UN Shipping Name:	<b>None</b>
Hazards Class:	<b>None</b>
Packing Group:	<b>None</b>
Special Precautions:	<b>None</b>

**15.0 Regulatory information**

## USA Label Information:

Signal Word:	<b>Not required</b>
Hazard Warning:	<b>Not required</b>
Safety Advice:	<b>Not required</b>
Hazardous Component(s):	<b>None</b>

## Chemicals Required to Report Under Sara Title III Section 313 (USA):

**None**

## Chemicals Required to Report Under California Proposition 65 (USA):

**None**

## Label Information According to the Directives 88/379/EEC and 67/548/EEC (EU):

Symbol and Indications:	<b>Not required.</b>
R Phrases:	<b>Not required.</b>
S Phrases:	<b>Not required.</b>
Dangerous Components (CAS No.) wt%:	<b>None</b>
Other:	<b>None</b>

## Special provisions in relation to protection of man or the environment:

(EEC) 2455/92:	<b>Not regulated.</b>
76/769/EEC:	<b>Not regulated.</b>
(EC)3093/94	<b>Not regulated.</b>
Other:	<b>None</b>

**16.0 Other information**

**This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products as described or their suitability for a particular application.**

**For general information, contact Hewlett-Packard at 208 323-2551.**