



## SAFETY DATA SHEET

### Section 1 - Identification

<b>Important information</b>	*** This Safety Data Sheet is only authorised for use by HP for HP Original products. Any unauthorised use of this Safety Data Sheet is strictly prohibited and may result in legal action being taken by HP. ***
<b>Product identifier</b>	HP LaserJet CF276A-X-XC Print Cartridge
<b>Other means of identification</b>	None.
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Recommended use</b>	This product is a toner preparation that is used in HP LJ Pro M404, HP LJ Pro M405, HP LJ Pro M304, HP LJ Pro M305, HP LJ Pro MFP M329, HP LJ Enterprise M406, HP LJ Enterprise M407, HP LJ Enterprise MFP M430 and HP LJ Enterprise MFP M431 series printers.
<b>Restrictions on use</b>	Not available.

#### Details of manufacturer or importer

HP PPS Australia Pty Ltd  
Rhodes Corporate Park Building F  
Level 5, 1 Homebush Bay Drive  
Rhodes  
NSW 2138  
Australia  
+61 2 8278 4492

<b>HP Inc. health effects line</b>	
<b>Australia Local Telephone Number</b>	+61 1 800 686 951
<b>(Toll-free within the US)</b>	1-800-457-4209
<b>(Direct)</b>	1-760-710-0048
<b>HP Inc. 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>	sustainability@hp.com

### Section 2 - Hazard(s) identification

#### Classification of the hazardous chemical

<b>Physical hazards</b>	Not classified.
<b>Health hazards</b>	Not classified.

#### Label elements, including precautionary statements

<b>Hazard symbol(s)</b>	None.
<b>Signal word</b>	None.
<b>Hazard statement(s)</b>	Not available.
<b>Precautionary statement(s)</b>	
<b>Prevention</b>	Not available.
<b>Response</b>	Not available.
<b>Storage</b>	Not available.
<b>Disposal</b>	Not available.

**Supplemental information** None.

**Other hazards which do not result in classification** None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

---

## Section 3 - Composition and information on ingredients

### Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Styrene acrylate copolymer	Trade Secret	<50
Iron oxide	1317-61-9	<45
Wax Wax	Proprietary	<20
Amorphous silica Amorphous silica	7631-86-9	<3

---

## Section 4 - First aid measures

### Description of necessary first aid measures

<b>Inhalation</b>	Move person to fresh air immediately. If irritation persists, consult a physician.
<b>Skin contact</b>	Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.
<b>Eye contact</b>	Do not rub eyes. Immediately flush with large amounts of clean, warm water (low pressure) for at least 15 minutes or until particles are removed. If irritation persists, consult a physician.
<b>Ingestion</b>	Rinse mouth with water. Drink one to two glasses of water. If symptoms occur, consult a physician.
<b>Personal protection for first-aid responders</b>	Not available.
<b>Symptoms caused by exposure</b>	Not available.
<b>Medical attention and special treatment</b>	Not available.

---

## Section 5 - Firefighting measures

### Extinguishing media

<b>Suitable extinguishing equipment</b>	CO2, water, or dry chemical
<b>Unsuitable extinguishing equipment</b>	None known.
<b>Specific hazards arising from the chemical</b>	Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.
<b>Special protective equipment and precautions for firefighters</b>	Not available.
<b>Fire fighting equipment/instructions</b>	If fire occurs in the printer, treat as an electrical fire.
<b>Hazchem code</b>	None.
<b>Specific methods</b>	None established.

---

## Section 6 - Accidental release measures

### Personal precautions, protective equipment and emergency procedures

<b>For non-emergency personnel</b>	Avoid contact with skin and eyes.
<b>For emergency responders</b>	Not available.
<b>Environmental precautions</b>	Keep out of waterways
<b>Methods and materials for containment and cleaning up</b>	Slowly vacuum or 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 explosion-proof. Fine powder can form explosive dust-air mixtures.

---

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	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.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep out of the reach of children. Keep tightly closed and dry. Store at room temperature. Store away from strong oxidizers.

---

---

## Section 8 - Exposure controls and personal protection

### Control parameters

#### Occupational exposure limits

##### Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value	Form
Amorphous silica (CAS 7631-86-9)	TWA	2 mg/m3	Respirable dust.

##### Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Components	Type	Value	Form
Amorphous silica (CAS 7631-86-9)	TWA	2 mg/m3	Respirable fraction.

##### Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
Amorphous silica (CAS 7631-86-9)	TWA	4 mg/m3	Inhalable fraction.

#### Biological limit values

No biological exposure limits noted for the ingredient(s).

#### Exposure guidelines

Austria : TWA :4 mg/m3 (inhalable fraction) Czech Republic : TWA : 4 mg/m3 Finland : TWA : 5 mg/m3, STEL: mg/m3 Germany : TRGS TWA: 4 mg/m3 inhalable fraction DFG TWA: 4 mg/m3 Ireland : TWA: 6.4 mg/m3 inhalable fraction , STEL : 2.4 mg/m3 inhalable fraction UK : TWA: 6 mg/m3 inhalable dust STEL 2.4 mg/m3 respirable dust Norway : TWA: 1.5 mg/m3 respirable dust STEL: 3 mg/m3 respirable dust Switzerland : TWA: 4 mg/m3 respirable dust

#### Control banding

Not available.

#### Engineering controls

None established.

#### Individual protection measures, such as personal protective equipment (PPE)

**Eye/face protection** Not available.

#### Skin protection

**Hand protection** Not available.

**Other** Not available.

**Respiratory protection** Not available.

**Thermal hazards** Not available.

---

## Section 9 - Physical and chemical properties

#### Physical state

Solid.

#### Form

solid

#### Color

Black.

#### Odor

Slight plastic odor

#### Odor threshold

Not available.

#### pH

Not applicable

#### Melting point/freezing point

Not available.

#### Boiling point and boiling range

Not applicable

#### Flash point

Not applicable

#### Evaporation rate

Not available.

#### Flammability (solid, gas)

Not available.

#### Upper/lower explosive limits

**Explosion limit - lower (%)** Not flammable

**Explosion limit - upper (%)** Not available.

#### Vapor pressure

Not applicable

#### Relative vapor density

Not available.

#### Solubility

**Solubility (water)** Negligible in water. Partially soluble in toluene and xylene.

<b>Partition coefficient: n-octanol/water</b>	Not available.
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	392 °F (200 °C)
<b>Viscosity</b>	Not applicable
<b>Particle characteristics</b>	Not available.
<b>Data relevant with regard to physical hazard classes</b>	No relevant additional information available.
<b>Other physical and chemical parameters</b>	
<b>Oxidizing properties</b>	No information available.
<b>Percent volatile</b>	Negligible
<b>Softening point</b>	212 - 302 °F (100 - 150 °C)
<b>Specific gravity</b>	1.4 - 1.8
<b>VOC</b>	Not applicable

---

## Section 10 - Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable under normal storage conditions.
<b>Possibility of hazardous reactions</b>	None.
<b>Conditions to avoid</b>	None.
<b>Incompatible materials</b>	Acids, Bases, Oxidizing agents, Reducing agents.
<b>Hazardous decomposition products</b>	Carbon monoxide and carbon dioxide.

---

## Section 11 - Toxicological information

### Information on possible routes of exposure

<b>Inhalation</b>	Not available.
<b>Skin contact</b>	Not available.
<b>Eye contact</b>	Not available.
<b>Ingestion</b>	Not available.

**Early onset symptoms related  
to exposure** Not available.

**Delayed health effects from  
exposure** Not available.

**Acute toxicity** LD50 > 2000 mg/kg (Ingestion)

**Skin corrosion/irritation** Non-irritant

**Serious eye damage/irritation** Transient slight conjunctival irritation only

### Respiratory or skin sensitization

**Respiratory sensitization** Non - Sensitizing

**Skin sensitization** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)

**Carcinogenicity** Not available.

**Reproductive toxicity** Not available.

**Specific target organ toxicity -  
single exposure** Not available.

**Specific target organ toxicity -  
repeated exposure** Reported pulmonary response upon chronic inhalation exposure in rats to a toner enriched in respirable-sized particles compared to commercial toner. No pulmonary change was found at 1 mg/m<sup>3</sup> which is most relevant to potential human exposure. A minimal to mild degree of fibrosis was noted in 22% of the animals at 4 mg/m<sup>3</sup>, and a mild to moderate degree of fibrosis was observed in 92% of the animals at 16 mg/m<sup>3</sup>. These findings are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lung for a prolonged interval.

**Aspiration hazard** Not available.

Other information No information available.

## Section 12 - Ecological information

Ecotoxicity ErL50: >100 mg/l, Algae, 72.00 Hours

Product		Species	Test Results
CF276A-X-XC			
	<b>Aquatic</b>		
	Algae	ErL50	Algae > 100 mg/l, 72 Hours
	Crustacea	EL50	Crustacea > 100 mg/l, 48 Hours
	Fish	LL50	Fish > 100 mg/l, 96 Hours

Persistence and degradability Not available.

Bioaccumulative potential Not available.

Mobility in soil Not available.

Other adverse effects Not available.

## Section 13 - Disposal considerations

Disposal methods 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 <http://www.hp.com/recycle>.

## Section 14 - Transport information

### DOT

UN number Not regulated as dangerous goods.

UN proper shipping name Not Regulated

Transport hazard class(es)

Class Not assigned.

Subsidiary risk -

Packing group Not assigned.

Environmental hazards

Marine pollutant No

Special precautions for user Not assigned.

### IATA

UN number UN2807

UN proper shipping name Magnetized Material

Transport hazard class(es)

Class 9

Subsidiary risk -

Packing group None

Environmental hazards No

Special precautions for user Not assigned

### IMDG

UN number Not regulated as dangerous goods.

UN proper shipping name Not Regulated

Transport hazard class(es)

Class Not assigned.

Subsidiary risk -

Packing group Not assigned.

Transport hazard class(es)

Marine pollutant No

EmS Not assigned.

Special precautions for user Not assigned.

### ADR

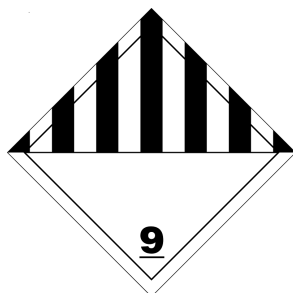
UN number Not regulated as dangerous goods.

UN proper shipping name Not Regulated

**Transport hazard class(es)**

<b>Class</b>	Not assigned
<b>Subsidiary risk</b>	-
<b>Hazard No. (ADR)</b>	Not assigned
<b>Tunnel restriction code</b>	Not assigned
<b>Packing group</b>	Not assigned
<b>Environmental hazards</b>	No
<b>Social precautions for user</b>	Not assigned

IATA



Further information None known.

---

**Section 15 - Regulatory information****Safety, health and environmental regulations****National regulations****High Volume Industrial Chemicals (HVIC)**

Iron oxide (CAS 1317-61-9)

1000 - 9999 TONNES See the regulation for additional information.

**Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10, as amended)**

Not listed.

**National Pollutant Inventory (NPI) substance reporting list**

Not listed.

**Prohibited Carcinogenic Substances**

Not regulated.

**Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)**

Not listed.

**Restricted Carcinogenic Substances**

Not regulated.

**Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)**

Not listed.

**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.

**Stockholm Convention**

Not applicable.

**Rotterdam Convention**

Not applicable.

**Kyoto protocol**

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

---

**Section 16 - Any other relevant information**

Issue date 07-Jun-2019

**Revision date** 10-Apr-2023

**Other information** This SDS was prepared in compliance with the NOHSC document "National Code of Practice for the Preparation of Material Safety Data Sheets", 2003.

**Disclaimer** This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP 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.

This safety data sheet is meant to convey information about HP inks (toners) provided in HP Original ink (toner) supplies. If our Safety Data Sheet has been provided to you with a refilled, remanufactured, compatible or other non-HP Original supply please be aware that the information contained herein was not meant to convey information about such products and there could be considerable differences from information in this document and the safety information for the product you purchased. Please contact the seller of the refilled, remanufactured or compatible supplies for applicable information, including information on personal protective equipment, exposure risks and safe handling guidance. HP does not accept refilled, remanufactured or compatible supplies in our recycling programs.

#### 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