# SAFETY DATA SHEET

## 1. Identification

**Product identifier** HP Color LaserJet CF403A-X Magenta Print Cartridge

**Other means of identification** Not available.

**Recommended use** This product is a magenta toner preparation that is used in HP Color LaserJet Pro M252 and HP Color LaserJet Pro MFP M277 series printers.

**Recommended restrictions** None known.

**Company identification**

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## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Not classified.

**Environmental hazards** Not classified.

**OSHA defined hazards** Not classified.

**Label elements**

**Hazard symbol** None.

**Signal word** None.

**Hazard statement** Not available.

**Precautionary statement**

**Prevention** Not available.

**Response** Not available.

**Storage** Not available.

**Disposal** Not available.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** This product is not classified as hazardous according to OSHA CFR 1910.1200 (HazCom 2012).

## 3. Composition/information on ingredients

**Mixtures**

| Chemical name | Common name and synonyms | CAS number | % |
|---|---|---|---|
| Styrene acrylate copolymer | | Trade Secret | <85 |
| Pigment | Pigment | Trade Secret | <10 |
| Wax | Wax | Trade Secret | <10 |
| Amorphous silica | Amorphous silica | 7631-86-9 | <3 |

## 4. First-aid measures

**Inhalation** Move person to fresh air immediately. If irritation persists, consult a physician.

| | |
|---|---|
| **Skin contact** | Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists. |
| **Eye contact** | 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. |
| **Ingestion** | Rinse mouth out with water. Drink one to two glasses of water. If symptoms occur, consult a physician. |
| **Most important symptoms/effects, acute and delayed** | Not available. |

## 5. Fire-fighting measures

| | |
|---|---|
| **Suitable extinguishing media** | CO2, water, or dry chemical |
| **Unsuitable extinguishing media** | None known. |
| **Specific hazards arising from the chemical** | Not applicable. |
| **Special protective equipment and precautions for firefighters** | Not available. |
| **Fire-fighting equipment/instructions** | If fire occurs in the printer, treat as an electrical fire. |
| **Specific methods** | None established. |

## 6. Accidental release measures

| | |
|---|---|
| **Personal precautions, protective equipment and emergency procedures** | Minimize dust generation and accumulation. |
| **Methods and materials for containment and cleaning up** | Not available. |
| **Environmental precautions** | Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations. |

## 7. Handling and storage

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

## 8. Exposure controls/personal protection

**Occupational exposure limits**

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components | Type | Value |
|---|---|---|
| Amorphous silica (CAS 7631-86-9) | TWA | 6 mg/m3 |

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** USA OSHA (TWA/PEL): 15 mg/m3 (Total Dust), 5 mg/m3 (Respirable Fraction)

ACGIH (TWA/TLV): 10 mg/m3 (Inhalable Particulate), 3 mg/m3 (Respirable Particulate)

Amorphous silica: USA OSHA (TWA/PEL): 20 mppcf 80 (mg/m3)/%SiO2, ACGIH (TWA/TLV): 10 mg/m3

TRGS 900 (Luftgrenzwert) - 10 mg/m3 (Einatembare partikel), 3 mg/m3 (Alveolengängige fraktion)

UK WEL: 10 mg/m3 (Respirable Dust), 5 mg/m3 (Inhalable Dust)

**Appropriate engineering controls** Use in a well ventilated area.

**Individual protection measures, such as personal protective equipment**

| | |
|---|---|
| **Eye/face protection** | Not available. |
| **Skin protection** | |
| **Hand protection** | Not available. |
| **Other** | Not available. |
| **Respiratory protection** | Not available. |
| **Thermal hazards** | Not available. |

## 9. Physical and chemical properties

| | |
|---|---|
| **Appearance** | Fine powder |
| **Physical state** | Solid. |
| **Color** | Magenta |
| **Odor** | Slight plastic odor |
| **Odor threshold** | Not available. |
| **pH** | Not applicable |
| **Melting point/freezing point** | Not available. |
| **Initial boiling point and boiling range** | Not applicable |
| **Flash point** | Not applicable |
| **Evaporation rate** | Not applicable |
| **Flammability (solid, gas)** | Not available. |
| **Upper/lower flammability or explosive limits** | |
| **Flammability limit - lower (%)** | Not flammable |
| **Flammability limit - upper (%)** | Not available. |
| **Explosive limit - lower (%)** | Not available. |
| **Explosive limit - upper (%)** | Not available. |
| **Vapor pressure** | Not applicable |
| **Solubility(ies)** | |
| **Solubility (water)** | Negligible in water. Partially soluble in toluene and xylene. |
| **Partition coefficient (n-octanol/water)** | Not available. |
| **Auto-ignition temperature** | Not applicable |
| **Decomposition temperature** | > 392 °F (> 200 °C) |
| **Viscosity** | Not applicable |
| **Other information** | |
| **Percent volatile** | 0 % estimated |
| **Softening point** | 176 - 266 °F (80 - 130 °C) |
| **Specific gravity** | 1 - 1.2 |

## 10. Stability and reactivity

| | |
|---|---|
| **Reactivity** | Not available. |
| **Chemical stability** | Stable under normal storage conditions. |
| **Possibility of hazardous reactions** | Will not occur. |
| **Conditions to avoid** | Imaging Drum: Exposure to light |
| **Incompatible materials** | Strong oxidizers |
| **Hazardous decomposition products** | Carbon monoxide and carbon dioxide. |

## 11. Toxicological information

**Symptoms related to the physical, chemical and toxicological characteristics** Not available.

**Information on toxicological effects**

**Acute toxicity** Based on available data, the classification criteria are not met.

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/eye irritation** Based on available data, the classification criteria are not met.

**Respiratory or skin sensitization**

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

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

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

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Amorphous silica (CAS 7631-86-9) 3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - single exposure** Based on available data, the classification criteria are not met.

**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Further information** Complete toxicity data are not available for this specific formulation
Refer to Section 2 for potential health effects and Section 4 for first aid measures.

| Components | Species | Test Results |
|---|---|---|
| Amorphous silica (CAS 7631-86-9) | | |
| **Acute** | | |
| *Oral* | | |
| LD50 | Mouse | > 15000 mg/kg |
| | Rat | > 22500 mg/kg |

## 12. Ecological information

**Ecotoxicity**

| Product | | Species | Test Results |
|---|---|---|---|
| CF403A-X | | | |
| **Aquatic** | | | |
| Fish | LC50 | 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.

## 13. Disposal considerations

**Disposal instructions** 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.

## 14. Transport information

**Further information** Not a dangerous good under DOT, IATA, ADR, IMDG, or RID.

## 15. Regulatory information

**US federal regulations** US EPA TSCA Inventory: All chemical substances in this product comply with all rules or orders under TSCA.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**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

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** No

**Other federal regulations**

**Safe Drinking Water Act (SDWA)** Not regulated.

**US state regulations**

**US. Massachusetts RTK - Substance List**

Amorphous silica (CAS 7631-86-9)

**US. New Jersey Worker and Community Right-to-Know Act**

Not listed.

**US. Pennsylvania Worker and Community Right-to-Know Law**

Amorphous silica (CAS 7631-86-9)

**US. Rhode Island RTK**

Not regulated.

**US. California Proposition 65**

Not Listed.

**Regulatory information** 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.

## 16. Other information, including date of preparation or last revision

**Issue date** 16-Apr-2015

**Revision date** 25-Sep-2015

**Version #** 03

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**Revision Information** Other information, including date of preparation or last revision: Disclaimer

**Manufacturer information**

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**Explanation of abbreviations**

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