



SAFETY DATA SHEET

Section 1 - Identification

| | |
|--|---|
| Important information | *** 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. *** |
| Product identifier | HP Color LaserJet W2043A-X-XC Magenta Print Cartridge |
| Other means of identification | None. |
| Recommended use of the chemical and restrictions on use | |
| Recommended use | This product is a magenta toner preparation that is used in HP Color LaserJet Pro M454, HP Color LaserJet Pro M479, HP Color LaserJet Enterprise M455 and HP Color LaserJet Enterprise MFP M480 series printers. |
| Restrictions on use | Not available. |

Details of manufacturer or importer

HP PPS Australia Pty Ltd
Rhodes Corporate Park Building F
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Australia
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| | |
|---|-----------------------|
| HP Inc. health effects line | |
| Australia Local Telephone Number | +61 1 800 686 951 |
| (Toll-free within the US) | 1-800-457-4209 |
| (Direct) | 1-760-710-0048 |
| HP Inc. Customer Care Line | |
| (Toll-free within the US) | 1-800-474-6836 |
| (Direct) | 1-208-323-2551 |
| Email: | sustainability@hp.com |

Section 2 - Hazard(s) identification

Classification of the hazardous chemical

| | |
|-------------------------|-----------------|
| Physical hazards | Not classified. |
| Health hazards | Not classified. |

Label elements, including precautionary statements

| | |
|-----------------------------------|----------------|
| Hazard symbol(s) | None. |
| Signal word | None. |
| Hazard statement(s) | Not available. |
| Precautionary statement(s) | |
| Prevention | Not available. |
| Response | Not available. |
| Storage | Not available. |
| Disposal | 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 | <85 |
| Pigment Pigment | Trade Secret | <10 |
| Wax Wax | Trade Secret | <10 |
| Amorphous silica Amorphous silica | 7631-86-9 | <3 |

Section 4 - First aid measures

Description of necessary 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. |

Personal protection for first-aid responders Not available.

Symptoms caused by exposure Not available.

Medical attention and special treatment Not available.

Section 5 - Firefighting measures

Extinguishing media

Suitable extinguishing equipment CO₂, water, or dry chemical

Unsuitable extinguishing equipment None known.

Specific hazards arising from the chemical Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.

Special protective equipment and precautions for firefighters Not available.

Fire fighting equipment/instructions If fire occurs in the printer, treat as an electrical fire.

Hazchem code None.

Specific methods None established.

Section 6 - Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Minimize dust generation and accumulation.

For emergency responders Not available.

Environmental precautions Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.

Methods and materials for containment and cleaning up 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. Dispose of in compliance with federal, state, and local regulations.

Section 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.

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/m ³ | 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/m ³ | 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/m ³ | Inhalable fraction. |

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

Control banding Not available.

Engineering controls Use in a well ventilated area.

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 Liquid.

Form solid

Color Magenta

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 applicable

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. |
| Partition coefficient: n-octanol/water | Not available. |
| Auto-ignition temperature | Not applicable |
| Decomposition temperature | >392 °F (>200 °C) |
| Viscosity | Not applicable |
| Particle characteristics | Not available. |
| Data relevant with regard to physical hazard classes | No relevant additional information available. |

Other physical and chemical parameters

| | |
|-----------------------------|----------------------------|
| Oxidizing properties | No information available. |
| Percent volatile | 0 % estimated |
| Softening point | 176 - 266 °F (80 - 130 °C) |
| Specific gravity | 1 - 1.2 |

Section 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. |

Section 11 - Toxicological information

Information on possible routes of exposure

| | |
|---------------------|--|
| Inhalation | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| Skin contact | Contact with skin may result in mild irritation. |
| Eye contact | Contact with eyes may result in mild irritation. |
| Ingestion | Ingestion is not a likely route of exposure. |

Early onset symptoms related to exposure Not available.

Delayed health effects from exposure Not available.

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/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.

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.

Other 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.

Section 12 - Ecological information

Ecotoxicity LC50: >100 mg/l, Fish, 96.00 Hours

| Product | Species | Test Results |
|--------------------------------------|--|--------------------------------|
| W2043A-X-XC | | |
| Aquatic | | |
| Algae | ErC50 | Algae > 100 mg/l, 72 Hours |
| Crustacea | EC50 | Crustacea > 100 mg/l, 48 Hours |
| 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 | This product has not been tested for ecological effects. | |

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 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 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)
Class Not assigned
Subsidiary risk -
Hazard No. (ADR) Not assigned
Tunnel restriction code Not assigned
Packing group Not assigned
Environmental hazards No
Soical precautions for user Not assigned

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

Section 15 - Regulatory information

Safety, health and environmental regulations

National regulations

High Volume Industrial Chemicals (HVIC)

Not listed.

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

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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

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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.

Revision information

Section 8 - Exposure controls and personal protection: Exposure guidelines

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 |