



SAFETY DATA SHEET FOR CHEMICAL PRODUCTS

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name	C7115A-X
Product use	This product is a toner preparation that is used in HP LaserJet 1000/1005/1200/1220/3300/3380 series printers.
Company identification	China Hewlett-Packard Bldg. 112 Jianguo Rd., Chaoyang District Beijing, 100022, China Telephone (+86) 10 6564-3888 Hewlett-Packard health effects line (Toll-free within the US) 1-800-457-4209 (Direct) 1-503-494-7199 HP Customer Care Line (Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551 Email: hpcustomer.inquiries@hp.com

Recommended use and Limitations on use

Recommended use	This product is a toner preparation that is used in HP LaserJet 1000/1005/1200/1220/3300/3380 series printers.
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2. HAZARDS IDENTIFICATION

Acute health effects

Skin contact	Unlikely to cause skin irritation.
Eye contact	May cause transient slight irritation.
Inhalation	Minimal respiratory tract irritation may occur with exposure to large amounts of toner dust.
Ingestion	Low acute toxicity. Ingestion is a minor route of entry for intended use of this product.

Potential health effects

Routes of exposure	Potential routes of exposure under normal use conditions are skin, eye contact and inhalation. Ingestion is not expected to be a primary route of exposure for this product under normal use conditions.
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Chronic health 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.
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Carcinogenicity	None of the ingredients have been classified as carcinogens according to EU, IARC, MAK, NTP, OSHA or ACGIH.
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Other information	This product is not classified as hazardous according to OSHA CFR 1910.1200 or EU Directive 1999/45/EC, as amended.
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This preparation contains no component classified as Persistent, Bioaccumulative, and Toxic (PBT) or very Persistent and very Bioaccumulative (vPvB) as defined under Regulation (EC) 1907/2006.

Classification	Not classified.
Physical hazards	Not classified as a physical hazard.
Health hazards	Not classified as a health hazard.
Environmental hazards	Not classified as an environmental hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS #	Percent	EC-No.	Classification
Styrene acrylate copolymer	Trade secret	< 55		
Iron oxide	1317-61-9	< 50	215-277-5	

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 with water. Drink one to two glasses of water. If symptoms occur, consult a physician.
Expected acute symptoms and delayed symptoms	Not available.
Personal protection for first-aid responders	Not available.

5. FIRE-FIGHTING MEASURES

Flash point	Not applicable
Extinguishing media	CO ₂ , water, or dry chemical
Extinguishing media to avoid	None known.
Specific hazards	None.
Unusual fire & explosion hazards	Like most organic material in powder form, toner can form explosive dust-air mixtures when finely dispersed in air.
Specific methods	None established.
Special fire fighting procedures	None established.
Protection of fire-fighters	If fire occurs in the printer, treat as an electrical fire.
Hazardous combustion products	Carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Minimise dust generation and accumulation.
Environmental precautions	Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
Clean-up methods and materials and containment measures	Not available.
Prevention of secondary hazards	Not available.
Other information	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.

7. HANDLING AND STORAGE

Handling	
Precautions	Not available.
Safe handling advice	Not available.
Storage	
Suitable storage conditions	Not available.
Incompatible materials	Not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional exposure data	USA OSHA (TWA/PEL): 15 mg/m ³ (Total Dust), 5 mg/m ³ (Respirable Fraction) ACGIH (TWA/TLV): 10 mg/m ³ (Inhalable Particulate), 3 mg/m ³ (Respirable Particulate) TRGS 900 (Luftgrenzwert) - 10 mg/m ³ (Einatembare partikel), 3 mg/m ³ (Alveolengängige fraktion) UK WEL: 10 mg/m ³ (Respirable Dust), 5 mg/m ³ (Inhalable Dust)
Engineering measures	Use in a well ventilated area.
Personal protective equipment	
Respiratory protection	Not available.
Hand protection	Not available.
Eye protection	Not available.
Skin and body protection	Not available.
Hygiene measures	Not available.

Personal protective equipment**General**

No personal respiratory protective equipment required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance****Physical state** Not available.**Form** solid**Color** Not available.**Odor** Slight plastic odor**pH** Not applicable**Melting point/freezing point** Not available.**Boiling point, initial boiling point, and boiling range** Not applicable**Flash point** Not applicable**Auto-ignition temperature** Not applicable**Flammability limit - lower (%)** Not flammable**Flammability limit - upper (%)** Not available.**Vapor pressure** Not applicable**Vapor density** Not available.**Relative density** Not available.**Density** Not available.**Solubility** Negligible in water. Partially soluble in toluene and xylene.**Partition coefficient (n-octanol/water)** Not available.**Decomposition temperature** Not available.**Viscosity** Not applicable**Softening point** 100 °C (212 °F)**Kinematic viscosity** Not available.**Other data****Kinematic viscosity temp** Not available.**Other information** Decomposition temperature: > 200 ° C

10. STABILITY AND REACTIVITY**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**Oral toxicity** LD50/oral/rat >5000mg/kg; Not harmful. (OECD 401). Not classified for acute oral toxicity according to EU Directive 67/548/EEC and 1999/45/EC.**Carcinogenicity** Not a known or suspected carcinogen according to any IARC Monograph, NTP, OSHA Regulations (USA), EU Directive, or Proposition 65 (California).**Inhalation toxicity** No information available.

Not classified for acute inhalation toxicity according to EU Directive 67/548/EEC and 1999/45/EC.

Chronic toxicity No information available.**Sensitization** Not classified as a sensitizer according to EU Directive 67/548/EEC and as amended, and OSHA HCS (US).**Mutagenicity** Negative, does not indicate mutagenic potential (Ames Test: Salmonella typhimurium)**Reproductivity** Not classified as toxic according to EU Directive 67/548/EEC and as amended, California Prop. 65, and DFG (Germany).**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.

12. ECOLOGICAL INFORMATION

Ecotoxicological data

Product

HP LaserJet C7115A-X Print Cartridge

Test Results

LL50 Rainbow trout: 1000 mg/l 96.00 Hours

Ecotoxicity LL50: 1000 mg/l, Rainbow trout, 96.00 Hours

Persistence and degradability Not available.

Bioaccumulation Not available.

Mobility in soil Not available.

Other hazardous effects Not available.

13. DISPOSAL CONSIDERATIONS

Local disposal regulations 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 79 or more of these cartridges shipped together in a single package (e.g., box, container), by air, are regulated as a magnetized material. These requirements do not apply to single or dual pack cartridges contained in an original HP package and shrink wrapped on a pallet for shipment by air.

IATA

UN number 2807
Proper shipping name Magnetized Material
Special precautions Not available.

IMDG

Not regulated as hazardous goods.

RID

Not regulated as dangerous goods.

15. REGULATORY INFORMATION

Applicable regulations

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/NDL), Australia, Japan, Philippines, South Korea, New Zealand, and China.

16. OTHER INFORMATION

References Not available.

Disclaimer This Safety Data Sheet document is provided without charge to customers of Hewlett-Packard Company. Data is the most current known to Hewlett-Packard Company 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.

Issue date 09-Jul-2010

Revision date 09-Jul-2010

Print Date 09-Jul-2010

Other information This MSDS was prepared in accordance with USA OSHA Hazard Communications regulation (29 CFR 1910.1200).

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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