



SAFETY DATA SHEET

1. Identification of the substance/preparation and of the company/undertaking

Identification of the preparation	HP LaserJet 92295A Print Cartridge
Use of the preparation	This product is a toner preparation that is used in HP LaserJet II/IID/III/IID series printers.
Company identification	Hewlett-Packard Polska Sp. z o.o. ul.Szturmowa 2A 02-678 Warszawa, Polska
Emergency telephone number	
Poison Information Centre telephone number	042 6579900 042 6314767
Hewlett-Packard health effects line	
(Toll-free within the US)	1-800-457-4209
(Direct)	1-503-494-7199
General information telephone number	+48 22 5657700
HP customer care line	
(Toll-free within the US)	1-800-474-6836
(Direct)	1-208-323-2551
Date prepared	26-Feb-2007
SDS number	205168

2. Composition/information on ingredients

Component/substance	CAS number	% by weight	EU number	EU classification
Styrene acrylate copolymer	Trade secret	60 - 70		
Iron oxide	1317-61-9	30 - 40	215-277-5	
Chromate	72869-85-3	0.1 - 0.2	276-955-4	Xn, R22
Composition comments	This product has been evaluated using criteria specified in the EU Directives 67/548/EEC and 1999/45/EC, as amended.			

For the full text of the R phrases mentioned in this Section, see Section 16.

3. Hazards Identification

Classification	Xn, R22, S13, 2, 20, 46
Acute health effects	Any potential hazards are presumed to be due to exposure to the components.
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. <i>Chromate</i> Harmful if swallowed.
Potential health effects	
Routes of exposure	Inhalation, Ingestion, Skin contact, Eye contact
	Complete toxicity data are not available for this specific formulation.
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.

4. First aid measures

First aid procedures

Eye

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.

Skin

Wash affected areas thoroughly with mild soap and water. Get medical attention if irritation develops or persists.

Inhalation

Move person to fresh air immediately. If symptoms persist, get medical attention.

Ingestion

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

5. Fire-fighting measures

Flash point and method

Not applicable

Auto ignition temperature

Not applicable

Hazardous combustion products

Carbon monoxide and carbon dioxide.

Extinguishing media

CO₂, water, or dry chemical

Unsuitable extinguishing media

None known.

Unusual fire and explosion hazard

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

Fire fighting equipment/instructions

If fire occurs in the printer, treat as an electrical fire.

Special firefighting procedures

None established.

6. Accidental release measures

Personal precautions

Minimize dust generation and accumulation. Avoid breathing dust.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Procedures if material is released or spilled.

Slowly vacuum or sweep the material into a bag or other sealed container. If a vacuum is used, the motor must be rated as dust explosion-proof. Clean remainder with a damp cloth or vacuum cleaner. Fine powder can form explosive dust-air mixtures. Dispose of in compliance with federal, state, and local regulations. See also section 13 Disposal considerations.

7. Handling and storage

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.

Storage

Keep out of the reach of children. Store at room temperature in the original container. Keep the container tightly closed and dry. Store away from strong oxidizers.

8. Exposure controls/personal protection

Exposure limit values

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)

Poland - Occupational Exposure Limits - TWAs

Chromate 72869-85-3 0.1 mg/m³ NDS

Poland - Occupational Exposure Limits - STELs

Chromate 72869-85-3 0.3 mg/m³ NDSCh



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Personal protective equipment

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

Exposure guidelines Use in a well ventilated area.

9. Physical and chemical properties

pH	Not applicable
Vapour pressure	Not applicable
Boiling point	Not applicable
Softening point	100 - 150 °C (212.0 - 302.0 °F)
Solubility	Negligible in water. Partially soluble in toluene and xylene.
Specific gravity	1.5 - 1.8 (H ₂ O = 1)
Flash point	Not applicable
Viscosity	Not applicable
Vapour density	Not applicable
Flammability	Not flammable
Appearance	Fine powder
Form	solid
Odour	Slight plastic odor
Oxidising properties	No information available.
Other information	Decomposition temperature: > 200 °C
Colour	Black

10. Stability and reactivity

Stability	Stable under normal storage conditions.
Conditions to avoid	Imaging Drum: Exposure to light
Hazardous polymerisation	Will not occur.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.
Incompatibility	Strong oxidizers

11. Toxicological information

Complete toxicity data are not available for this specific formulation.

Refer to Section 3 for potential health effects and Section 4 for first aide measures.

Dermal irritation	Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.
Eye irritation	Not classified as irritant, according to OSHA Hazard Communication Standard (HCS) and EU Directive 67/548/EEC and as amended.
Sensitisation	Not classified as a sensitizer according to EU Directive 67/548/EEC and as amended, and OSHA HCS (US).
Chronic toxicity	No information available.
Oral toxicity	LD50/oral/rat >5000mg/kg, (OECD 401), Not harmful. 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).
Mutagenicity	Negative, does not indicate mutagenic potential (Ames Test: <i>Salmonella typhimurium</i>)



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Reproductive toxicity	Not classified as toxic according to EU Directive 67/548/EEC and as amended, California Prop. 65, and DFG (Germany).
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12. Ecological information

Other information	This product has not been tested for ecological effects.
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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

General	Not a regulated article under United States DOT, IATA, ADR, IMDG, or RID.
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15. Regulatory information

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.
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Symbols	Xn - Harmful
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R-phrases	R22 - Harmful if swallowed.
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EU classification and labeling	
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Xn - Harmful

Risk phrases	R22	Harmful if swallowed.
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Safety phrases	S2	Keep out of the reach of children.
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S13 Keep away from food, drink and animal feedingstuffs.

S20 When using do not eat or drink.

S46 If swallowed, seek medical advice immediately and show this container or label.

16. Other information

Manufacturer information	Hewlett-Packard Company 11311 Chinden Boulevard Boise, ID 83714 USA
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Ingredient risk phrase definition(s)	R22	Harmful if swallowed.
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Other information	This MSDS was prepared in compliance with EU Directive 91/155/EEC as amended by 2001/58/EC.
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Issue date	Feb 26 2007 1:42PM
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Revision	3
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Replaces sheet dated	Nov 16 2006 1:01PM
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Preparation and revision information

3. Hazards identification: Routes of exposure
3. Hazards identification: Carcinogenicity
8. Exposure controls/personal protection: Exposure limit values
9. Physical and chemical properties: Other information
13. Disposal considerations: Disposal instructions
15. Regulatory information: State regulations

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.

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