



SAFETY DATA SHEET

1. Product and company identification

Product name HP LaserJet CE505JC Print Cartridge
Company identification HP New Zealand
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Recommended use and Limitations on use

Recommended use This product is a toner preparation that is used in HP LaserJet P2055/P2035 series printers.

2. Hazards identification

GHS classification

Physical hazards Not classified.
Health hazards Not classified.
Environmental hazards Not classified.

Label elements

Symbols None.
Signal word None.
Hazard statement None.

Precautionary statement

Prevention None.
Response None.
Storage None.
Disposal None.

Other hazards

None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA. 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.

Supplemental information None.

3. Composition/information on ingredients

Substance or mixture Mixture

Chemical property	Synonyms	CAS Number	Concentration (%)
Polyester resin	Polyester resin	Proprietary	<55
Iron oxide		1317-61-9	<50
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.
Potential delayed effects	Not available.
Personal protection for first-aid responders	Not available.
Notes to physician	Not available.

5. Fire-fighting measures

Extinguishing media	CO2, water, or dry chemical
Extinguishing media to avoid	None known.
HAZCHEM Code Number	None.
Specific hazards during fire fighting	None.
Special fire fighting procedures	If fire occurs in the printer, treat as an electrical fire.
Protection of fire-fighters	Not available.
Hazards from combustion products	Carbon monoxide and carbon dioxide.
Specific methods	None established.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Minimize dust generation and accumulation.
Environmental precautions	Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.
Spill cleanup methods	Not available.

7. Handling and storage

Handling	
Precautions	Not available.
Safe handling advice	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.
Prevention of fire and explosion	Not available.
Storage	
Suitable storage conditions	Keep out of the reach of children. Keep tightly closed and dry. Store at room temperature. Store away from strong oxidizers.
Incompatible materials	Not available.

8. Exposure controls/personal protection

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.

Biological limit values	No biological exposure limits noted for the ingredient(s).
Exposure guidelines	, 5 mg/m ³ (Respirable Fraction) , 3 mg/m ³ (Respirable Particulate) Amorphous silica: USA OSHA (TWA/PEL): 20 mppcf 80 (mg/m ³)/%SiO ₂ , ACGIH (TWA/TLV): 10 mg/m ³ TRGS 900 (Luftgrenzwert) - 10 mg/m ³ (Einatembare partikel), 3 mg/m ³ (Alveolengängige fraktion)
Engineering controls	Use in a well ventilated area.

Personal protective equipment

Respiratory protection	Not available.
Skin protection	Not available.
Eye/face protection	Not available.
Radioactive or thermal hazards	Not available.
Hygiene measures	Not available.

9. Physical and chemical properties

Appearance	Fine powder
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, initial boiling point, and boiling range	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Flammability (solid, gas)	Not available.
Flammability limit - lower (%)	Not flammable
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not applicable
Vapor density	Not applicable
Evaporation rate	Not applicable
Solubility(ies)	
Solubility (water)	Negligible in water. Partially soluble in toluene and xylene.
Partition coefficient (n-octanol/water)	Not available.
Decomposition temperature	> 392 °F (> 200 °C)
Viscosity	Not applicable
Softening point	212 - 302 °F (100 - 150 °C)
Percent volatile	Negligible
Other data	
Oxidizing properties	No information available.
Specific gravity	1.4 - 1.8
VOC	Not applicable

10. Stability and reactivity

Stability	Stable under normal storage conditions.
Conditions to avoid	Imaging Drum: Exposure to light
Incompatible materials	Strong oxidizers
Hazardous decomposition products	Carbon monoxide and carbon dioxide.
Possibility of hazardous reactions	Will not occur.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Ingestion is not a likely route 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.	
Acute toxicity	Based on available data, the classification criteria are not met.	
Product	Species	Test Results
CE505JC		
Acute LD50		> 2000 mg/kg
Routes of exposure	Not available.	
Symptoms	Not available.	
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 sensitizer	Based on available data, the classification criteria are not met.	
Skin sensitizer	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.
Toxic to reproduction	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.	
Chronic effects	Not available.	
Relevant negative data	Not available.	
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.	

12. Ecological information

Ecotoxicological data			
Product	Species		Test Results
CE505JC			
Aquatic			
Algae	ErL50	Algae	> 1000 mg/l, 72 Hours
Crustacea	EL50	Crustacea	> 1000 mg/l, 48 Hours
Fish	LL50	Fish	> 1000 mg/l, 96 Hours
Ecotoxicity	LL50: > 1000 mg/l, Fish, 96.00 Hours		
Persistence and degradability	Not available.		
Bioaccumulation	Not available.		
Partition coefficient n-octanol/water (log Kow)	Not available.		
Bioconcentration factor (BCF)	Not available.		
Mobility	Not available.		
Other hazardous effects	Not available.		

13. Disposal considerations

Disposal methods/information	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 .
Special precautions	Not available.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

UN number UN2807
UN proper shipping name Magnetized Material
Transport hazard class(es)
Class 9
Subsidiary risk -
Packing group Not available.
Environmental hazards No.
Special precautions for user Not available.

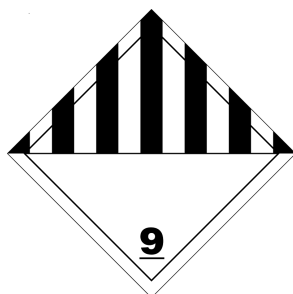
IMDG

Not regulated as dangerous goods.

ADR

Not regulated as dangerous goods.

IATA



Further information

47 or more of these cartridges shipped together in a single package (e.g., box, container), by air, are regulated as a magnetized material.

15. Regulatory information

Applicable regulations

New Zealand Inventory of Chemicals (NZIoC): Registration status

Amorphous silica (CAS 7631-86-9)

May be used as a single component chemical under an appropriate group standard

Iron oxide (CAS 1317-61-9)

May be used as a single component chemical under an appropriate group standard

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

References

Not available.

Issued by

Not available.

Prepared by

Not available.

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.

Issue date

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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