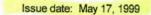
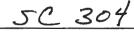


Material Safety Data Sheet





1.0 Preparation and company identity

HP Laser Jet Cartridge C3909A

Company identification

Identification of the preparation

HEWLETT-PACKARD COMPANY

11311 Chinden Blvd. Boise, ID 83714

Telephone number

Hewlett-Packard - General Information 208 323-2551

2.0 Composition/information on ingredients

This product is a toner preparation that is used in an HP LaserJet 5Si, HP LaserJet 5Si MX, HP LaserJet 5 Si Mopier, HP LaserJet 8000, HP LaserJet 8000N, HP LaserJet 8000DN, or HP Mopier 240 printer.

Ingredients

Substance	CAS number	Percent (wt)	Symbol	R Phrase
Styrene Acrylate Copo	lymer	45 - 55	-	-
Iron Oxide	(1317-61-9)	45 - 55	-	-

3.0 Hazards identification

Potential Health Effects

Ingestion effects:Ingestion is not applicable route of entry for intended use.Inhalation effects:Minimal respiratory tract irritation may occur with exposure to
large amount of toner dust.Eye Effects:May cause eye irritation.Skin effects:None currently known

Environmental hazards

No particular hazards known.

4.0	First-aid measures	
After	ingestion	
	Rinse mouth with water. Drink one physician.	e to two glasses of water. If symptoms occur, consult
After	inhalation	
	Move person to fresh air immediat	ely. If symptoms occur, consult a physician.
After	contact with eyes	
	Immediately flush with large amou	nts of clean, lukewarm water (low pressure) for at least
	15 minutes. If symptoms occur, co	onsult a physician.
	to minutes. It symptome ecour, et	
After	contact with skin	
After	contact with skin	ith soap and water. If symptoms occur, consult a
After	contact with skin	
After of	Contact with skin Wash affected areas thoroughly wi	
	Contact with skin Wash affected areas thoroughly wind physician. Fire-fighting measures	ith soap and water. If symptoms occur, consult a
	Contact with skin Wash affected areas thoroughly win physician. Fire-fighting measures Flash Point (method used):	ith soap and water. If symptoms occur, consult a No data available
	Contact with skin Wash affected areas thoroughly win physician. Fire-fighting measures Flash Point (method used): Ignition Temperature:	ith soap and water. If symptoms occur, consult a No data available No data available
	Contact with skin Wash affected areas thoroughly win physician. Fire-fighting measures Flash Point (method used):	ith soap and water. If symptoms occur, consult a No data available No data available Non-flammable solid (according to test methods of
	Contact with skin Wash affected areas thoroughly win physician. Fire-fighting measures Flash Point (method used): Ignition Temperature: Flammability:	ith soap and water. If symptoms occur, consult a No data available No data available Non-flammable solid (according to test methods of USA 16 CFR 1500.44 and 84/449/EEC (Annex V) A.10
	Contact with skin Wash affected areas thoroughly wind physician. Fire-fighting measures Flash Point (method used): Ignition Temperature: Flammability: Flammable Limits:	ith soap and water. If symptoms occur, consult a No data available No data available Non-flammable solid (according to test methods of USA 16 CFR 1500.44 and 84/449/EEC (Annex V) A.10 No data available
	Contact with skin Wash affected areas thoroughly wind physician. Fire-fighting measures Flash Point (method used): Ignition Temperature: Flammability: Flammable Limits: Extinguishing Media:	ith soap and water. If symptoms occur, consult a No data available No data available Non-flammable solid (according to test methods of USA 16 CFR 1500.44 and 84/449/EEC (Annex V) A.10 No data available C0 ₂ , water, dry chemicals
	Contact with skin Wash affected areas thoroughly wind physician. Fire-fighting measures Flash Point (method used): Ignition Temperature: Flammability: Flammable Limits:	ith soap and water. If symptoms occur, consult a No data available No data available Non-flammable solid (according to test methods of USA 16 CFR 1500.44 and 84/449/EEC (Annex V) A.10 No data available

6.0 Accidental release measures

Spill and Leakage Procedures

Wear personal protective equipment as described in Section 8. Minimize the release of particulates. Vacuum or sweep the material into a bag or other sealed container and dispose in accordance with local requirements.

Environmental precautions

Do not discharge into drains (See also section 13 Disposal Considerations).

7.0	Handling and storage	

Advise on safe handling and protection against fire

Keep material out of reach of children. Avoid inhalation of dust and contact with eyes. Keep away from excessive heat, sparks, and open flames.

Requirements for storage rooms and advice on storage compatibility Keep container closed and store at room temperature. Keep away from strong oxidizers.

3RD pg i Noide



Product HP C3909A Issue date: May 17, 1999

8.0 Exposure controls / personal protection

Exposure Limits For Toner: USA OSHA (TWA)/PEL):

ACGIH (TWA/TLV):

DFG (MAK): (Also refer to Section 2.) Respiratory Protection: Ventilation:

Protective Gloves: Eye Protection: Other Protective Equipment: 15 mg/m³ (Total Dust) 5 mg/m³ (Respirable Fraction) 10 mg/m³ (Inhalable Particulate) 3 mg/m³ (Respirable Particulate) 6 mg/m³ (Feinstaubkonzentration)

Not required under intended use. Good general ventilation should be sufficient under intended use. Not required under intended use. Not required under intended use. Not required under intended use.

9.0 Physical and chemical properties

Boiling Point: Melting Point: Vapor Pressure (mmHg.): Vapor Density (Air=1): Solubility in Water: Solubility in Organic Solvents: Specific Gravity (H₂0=1): Percent Volatile by Volume: Evaporation Rate (Butyl Acetate=1): pH: Appearance and Odor: Not applicable 100 - 150°C (Softening Point) Not applicable Not applicable Partially soluble in toluene and xylene. 1.4 - 1.8 Not applicable Not applicable Not applicable Fine black powder, slight plastic odor.

10.0 Stability and reactivity

Stability : Incompatibility: Hazardous Decomposition Products:

Hazardous Polymerization:

Stable Strong oxidizers Combustion will produce carbon dioxide and, possibly toxic chemicals such as carbon monoxide. Will not occur.



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11.0	Toxicological informat	ion
Acute	Toxicity:	
	Ingestion:	LD ₅₀ : > 5000mg/kg (rats)
	Eye Contact:	Not classified as irritant, according to OSHA Hazard
		Communication Standard (HCS) and EU Directive 67/548/EEC
		based on test data of rabbits.
	Skin Contact:	Not classified as irritant, according to OSHA Hazard
		Communication Standard (HCS) and EU Directive 67/548/EEC
		based on test data of rabbits.
	Chronic Toxicity:	No data available.
Other	Toxicity Data:	
	Mutagenicity:	Negative (Ames Test: Salmonella typhimurium)
	Carcinogenicity:	Not a known or suspected carcinogen according to any
		IARC Monograph, NTP, OSHA Regulations (USA), EU
Direct	tive, or	Proposition 65 (California).
12.0	Ecological information	

No data available for ecological and wastewater treatment (sewage) systems.

13.0 Disposal considerations

Product / unused product / contaminated packaging (for Germany only) Recommendation: consultation with the disposal agency and the relevant authorities; cleansing agent is water.

	14.0	Transportation information	
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International Transport Information:

UN No.:		None
Hazards Class:	None	
Packing Group:	None	
Special Precautions:	None	



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15.0 Regulatory information

Chemicals Required to Report Under Sara Title III Section313 (USA):		
	None	
Label Information According to the Directives 88/379/E	EC and 67/548/EEC (EU):	
Symbol and Indications:	Not required.	
R Phrases:	Not required.	
S Phrases:	Not required.	
Dangerous Components (CAS No.) wt%:	None	
Other:	None	
Special Provisions in Relation to Protection of Man or the Environment (EC):		
Regulation (EEC) 2455/92:	Not regulated.	
Directive 76/769/ECC:	Not regulated.	
Other:	None	

16.0 Other information

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products as described or their suitability for a particular application.

For general information, contact Hewlett-Packard at 208 323-2551.