

# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Trade name or designation of the mixture	HP Color LaserJet CF330X-XC Black Print Cartridge
Registration number	-
Synonyms	None.
Issue date	20-Sep-2014
Version number	03
Revision date	18-Sep-2015
Supersedes date	26-Jun-2015
1.2. Relevant identified uses o	f the substance or mixture and uses advised against
Identified uses	This product is a black toner preparation that is used in HP Color LaserJet Enterprise M651 series printers.
Uses advised against	None known.
Company identification	HP Inc UK Limited Cain Rd., Amen Corner, Pt 2nd Floor (Bldg BRA03) Bracknell, United Kingdom RG12 1HN Telephone 44 (0) 879 013 0790
	HP health effects line (Toll-free within the US) 1-800-457-4209 (Direct) 1-760-710-0048 HP Customer Care Line (Toll-free within the US) 1-800-474-6836 (Direct) 1-208-323-2551 Email: hpcustomer.inquiries@hp.com Poison Information Center 0207771 5307

## **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

### Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

#### 2.2. Label elements

### Label according to Regulation (EC) No. 1272/2008 as amended

Contains:	Amorphous silica, Carbon black, Styrene acrylate copolymer, Titanium dioxide, Wax
Hazard pictograms	None.
Signal word	None.
Hazard statements	The mixture does not meet the criteria for classification.
Precautionary statements	
Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.
Supplemental label information	None.
2.3. Other hazards	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.
	Carbon black is classified by the IARC as a Group 2B carcinogen (the substance is possibly carcinogenic to humans). Carbon black in this preparation, due to its bound form, does not present this carcinogenic risk. None of the other ingredients in this preparation are classified as carcinogens according to ACGIH, EU, IARC, MAK, NTP or OSHA.

## **SECTION 3:** Composition/information on ingredients

#### **General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
Styrene acrylate copolymer	<85	Trade Secret	-	-	
Classification: -					
Carbon black	<10	1333-86-4 215-609-9	01-2119384822-32-XXXX	-	
Classification: -					
Wax	<10	Trade Secret	-	-	
Classification: -		-			
Amorphous silica	<3	7631-86-9 231-545-4	01-2119379499-16-xxxx	-	
Classification: -					
Titanium dioxide	<1	13463-67-7 236-675-5	-	-	
Classification: -		255 075 5			

#### **SECTION 4: First aid measures General information** Not available. 4.1. Description of 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. 4.2. Most important Not available. symptoms and effects, both acute and delayed 4.3. Indication of any Not available. immediate medical attention and special treatment needed

#### **SECTION 5: Firefighting measures**

General fire hazards	Not available.
5.1. Extinguishing media Suitable extinguishing media	CO2, water, or dry chemical
Unsuitable extinguishing media	None known.
5.2. Special hazards arising from the substance or mixture	Not available.
5.3. Advice for firefighters Special protective equipment for firefighters	Not available.
Special fire fighting procedures	If fire occurs in the printer, treat as an electrical fire.
Material name: CF330X-XC	

## **SECTION 6: Accidental release measures**

6.1. Personal precautions, protective equipment and emergency procedures			
For non-emergency personnel	Minimize dust generation and accumulation.		
For emergency responders	Not available.		
6.2. Environmental precautions	Do not flush into surface water or sanitary sewer system. See also section 13 Disposal considerations.		
6.3. Methods and material for containment and cleaning up	Not available.		
6.4. Reference to other sections	Not available.		
SECTION 7: Handling and	d storage		
7.1. 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.		
7.2. 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.		

7.3. Specific end use(s) Not available.

# SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## **Occupational exposure limits**

Components	Туре	Value	Form		
Carbon black (CAS 1333-86-4)	STEL	7 mg/m3			
,	TWA	3.5 mg/m3			
Titanium dioxide (CAS 13463-67-7)	TWA	4 mg/m3	Respirable.		
		10 mg/m3	Inhalable		
iological limit values	No biological exposure limits noted for	or the ingredient(s).			
Recommended monitoring procedures	Not available.				
Derived no-effect level DNEL)	Not available.	Not available.			
Predicted no effect concentrations (PNECs)	Not available.				
Exposure guidelines	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)				
	Amorphous silica: USA OSHA (TWA/PEL): 20 mppcf 80 (mg/m3)/%SiO2, ACGIH (TWA/TLV): 10 mg/m3				
	TRGS 900 (Luftgrenzwert) - 10 mg/m3 (Einatembare partikel), 3 mg/m3 (Alveolengängige fraktion)				
	UK WEL: 10 mg/m3 (Respirable Dust	), 5 mg/m3 (Inhalable Dust)			
8.2. Exposure controls					
Appropriate engineering controls	Use in a well ventilated area.				
ndividual protection measur	es, such as personal protective equi	ipment			
General information	No personal respiratory protective eq	uipment required under norma	I conditions of use.		
Eye/face protection	Not available.				
Skin protection					
- Hand protection	Not available.				
- Other	Not available.				

Material name: CF330X-XC

<b>Respiratory protection</b>	Not available.
Thermal hazards	Not available.
Hygiene measures	Not available.
Environmental exposure controls	Not available.

## **SECTION 9: Physical and chemical properties**

#### 9.1. Information on basic physical and chemical properties

Appearance	Fine powder
Physical state	Solid.
Color	Black.
Odor	Slight plastic odor
Odor threshold	Not available.
рН	Not applicable
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not available.
Upper/lower flammability or e	xplosive limits
Flammability limit - lower (%)	Not flammable
Flammability limit - upper (%)	Not available.
Vapor pressure	Not applicable
Solubility(ies)	
Solubility (water)	Negligible in water. Partially soluble in toluene and xylene.
Solubility (other)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not applicable
Decomposition temperature	> 392 °F (> 200 °C)
Viscosity	Not applicable
Explosive properties	Not available.
Oxidizing properties	No information available.
9.2. Other information	
Percent volatile	0 % estimated
Softening point	176 - 266 °F (80 - 130 °C)

# **SECTION 10: Stability and reactivity**

10.1. Reactivity	Not available.
10.2. Chemical stability	Stable under normal storage conditions.
10.3. Possibility of hazardous reactions	Will not occur.
10.4. Conditions to avoid	Imaging Drum: Exposure to light
10.5. Incompatible materials	Strong oxidizers
10.6. Hazardous decomposition products	Carbon monoxide and carbon dioxide.

# **SECTION 11: Toxicological information**

**General information** 

Not available.

#### 11.1. Information on toxicological effects

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/eye irritation	Based on available data, the classification criteria are not met.

Material name: CF330X-XC

Respiratory sensitization		lable data, the classification criteria are	
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 avai	lable data, the classification criteria are	not met.
	2B) and by the organizations bound within a bound form in	e State of California under Proposition 6 indicate that exposure to carbon black, a product matrix, specifically, rubber, in	C (possibly carcinogenic to humans, Group 55. In their evaluations of carbon black, both per se, does not occur when it remains k, or paint. Carbon black is present only in a gredients in this preparation are classified as P or OSHA.
IARC Monographs. Overal	l Evaluation of	Carcinogenicity	
Amorphous silica (CAS 76 Carbon black (CAS 1333- Titanium dioxide (CAS 13	86-4)	3 Not classifiable as t 2B Possibly carcinoge 2B Possibly carcinoge	
Reproductive toxicity		lable data, the classification criteria are	
Specific target organ toxicity		lable data, the classification criteria are	
- single exposure	Daseu Uli avai		not met.
Specific target organ toxicity - repeated exposure	Based on avai	lable data, the classification criteria are	not met.
Aspiration hazard	Based on avai	lable data, the classification criteria are	not met.
Components	Species		Test Results
Amorphous silica (CAS 7631-86-9)	)		
Acute			
Oral	Mauraa		15000
LD50	Mouse		> 15000 mg/kg
	Rat		> 22500 mg/kg
Carbon black (CAS 1333-86-4)			
Acute			
Oral	Det		> 9000 mg/kg
LD50	Rat		> 8000 mg/kg
Mixture versus substance information	Not available.		
Other information		city data are not available for this speci on 2 for potential health effects and Sec	
SECTION 12: Ecological	information		
12.1. Toxicity	LC50: > 100 r	ng/l, Fish, 96.00 Hours	
Product		Species	Test Results
CF330X-XC			
Aquatic			
Fish	LC50	Fish	> 100 mg/l, 96 Hours
Components		Species	Test Results
Titanium dioxide (CAS 13463-67-7	')		
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours
Fish	LC50	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours
12.2. Persistence and degradability	Not available.		
12.3. Bioaccumulative potential	Not available.		
Partition coefficient n-octanol/water (log Kow)	Not available.		
Bioconcentration factor (BCF)	Not available.		
12.4. Mobility in soil	Not available.		

#### SECTION 13: Disposal considerations

13.1. Waste treatment meth	ods
Residual waste	Not available.
Contaminated packaging	Not available.
EU waste code	Not available.
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.

#### SECTION 14: Transport information

**Further information** 

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

#### **SECTION 15: Regulatory information**

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture **EU** regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I Not listed

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended

Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA Not listed.

#### Authorizations

Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorization

Not listed.

#### **Restrictions on use**

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not regulated.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding

Not regulated.

#### Other EU regulations

Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances

Not regulated.

Directive 98/24/EC on agents at work	the protection of the health and safety of workers from the risks related to chemical
Not regulated.	
Directive 94/33/EC on	the protection of young people at work
Not regulated.	
Other 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.
Other information	This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.
National regulations	Not available.
15.2. Chemical safety assessment	Not available.

# **SECTION 16: Other information**

References   Not available.     Information on evaluation   Not available.     Information on evaluation   20-Sep-2014     Revision information   SECTION 16: Other information: Disclaimer     Training information   Not available.     Disclaimer   Not available.     Disclaimer   This Safety Data Sheet document is provided without charge to customers of HP. Data is the most current known to HP at the time of preparation of this document and is believed to be accurate. It should not be construed a guaranteeing specific properties of the products as described or usitability for a particular application. This document was prepared to be accurate. It should not be construed a guaranteeing specific properties of the requirements of the jurisdiction specified in Section 1 above and may not meet regulatory requirements in other countries.     Manufacturer information   HP     11311 Chinden Boulevard   Boise, ID 33714 USA (Direct) 1-503-4947-4209     Explanation of abbreviations   Chemical Abstracts Service     CAS   Chemical Abstracts Service     CRERLA   Comprehensive Environmental Industrial Hygienists     CAS   Chemical Abstracts Service     CPC   Code of Federal Regulations     COC   Cleventon Qan     DOT   Department of Transportation     EVERA		
method leading to the classification of mixtureIssue date20-Sep-2014Revision informationSECTION 16: Other information: DisclaimerTraining informationNot available.DisclaimerThis Safety Data Sheet document is provided without charge to customers of HP. Data is the mosil current known to HP at the time of preparation of this document and is believed to be accurate. It should not be constructed 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.Manufacturer informationHP H3311 Chinden Boulevard Boise, ID 83714 USA (Direct) 1-503-494-7199 (Toil-free within the US) 1-800-457-4209Explanation of abbreviationsComprehensive Environmental Industrial Hygienists CASCASChemical Abstracts Service CoceCERCLAComprehensive Environmental Response Compensation and Liability Act CFRCOCCleveland Open CupDOTDepartment of Transportation EPCRAEPCRAEmergency Planning and Community Right-to-Know Act (aka SARA) (Aka SARA)NTPNational Institute for Occupational Safety and Health AdministrationPELPermissible Exposure Limit SARARCCAResource Conservation and Recovery Act RECRCBARecommended Exposure Limit SARASARASuperfund Amendments and Reautorization Act of 1986 SARASynet fund Amendments and Reautorization Act of 1986 SARASynet fund Amendments and Reautorization Act of 1986	References	Not available.
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