



# MATERIAL SAFETY DATA SHEET

F41-4102

## SECTION 1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product Name: CANON CARTRIDGE A30 (BLACK)

Description: An assembly for Canon FC. PC-3/5/6/7, composed of a photosensitive Drum, black toner powder, a corona unit, a developer unit and a cleaner blade. The toner powder cannot be removed, until the cartridge is forced to be broken.

**STATEMENT OF HAZARDOUS NATURE:** Not classified as hazardous according to the criteria on Worksafe Australia.

Manufacturer: Canon Inc.  
30-2, Shimomaruko 3-Chome, Ohta-ku Tokyo, Japan  
Phone: 03-3758-2111

Distributor: Canon Australia Pty Ltd  
1 Thomas Holt Drive  
North Ryde NSW 2113  
Phone: (02) 9805-2000

Date of preparation: 28 December 1989  
Revised: 05 December 2005

## SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

### Hazardous Ingredient(s)

Chemical Name	CAS#	Weight %	EU Symbol	EU R-Phrase
Styrene acrylate copolymer		50 – 60		
Iron oxide (1317-61-9)		30 – 40		

Chemical Name	USA OSHA PEL	ACGIH TLV
	15mg/m <sup>3</sup> (Total dust) 5mg/m <sup>3</sup> (Respirable fraction)	10mg/m <sup>3</sup> (Total dust)

Chemical Name	EU ILV	DFG MAK
		6mg/m <sup>3</sup> (Feinstaubkonzentration)



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## SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS – Continued

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### Carcinogen

Chemical Name	CAS #	Reference
None		

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### Other Ingredient(s)

Chemical / Generic Name	Weight %
None	

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## SECTION 3 HAZARDS IDENTIFICATION

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Emergency Overview: Toner cartridge contains fine powder with slight plastic odour.

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### Potential Health Effects and Symptoms:

Inhalation: Toner is finely divided solid. Do not breathe the dust.

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Ingestion: No data available

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Eye: No specific hazard is known to Canon. However, any material that contacts the eye may be irritating.

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Skin: Low hazard for industrial handling.

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Chronic Effects: No data available

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Medical Conditions Generally known to be Aggravated by Exposure:  
No data available

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### SECTION 4 FIRST AID MEASURES

#### First Aid Measures:

Inhalation: No data available

Ingestion: No data available

Eye: Flush with plenty of water.

Skin: No data available

Note to Physicians: No data available

### SECTION 5 FIRE FIGHTING MEASURES

#### Fire Fighting Measures:

Extinguishing CO<sub>2</sub>, Water, dry chemicals.

Media:

Unsuitable

Extinguishing Media: No data available

Special Fire None.

Fighting Procedures:

Unusual Fire and Explosion Hazards: This material like most organic material in powder form, is capable of creating a dust explosion.

#### Fire and Explosive Properties:

Flash Point (°C): No data available

Flammable (Explosive) Limits: No data available.

Autoignition Temperature (°C): No data available

Flammability: Non-flammable solid (According to test method of USA 16CFR 1500.44 And 84/449/EEC (Annex V) A.10.)



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**SECTION 5 FIRE FIGHTING MEASURES - Continued**

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Fire and Explosive Properties – Continued:

Autoflammability: No data available

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Explosive Properties: No data available

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Oxidising Properties: No data available

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Hazardous  
Combustion Products: No data available

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Other Properties: No data available

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**SECTION 6 ACCIDENTAL RELEASE MEASURES**

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Personal Precautions: No data available

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Environmental  
Precautions: No data available

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Method for  
Cleaning Up: No toner spillage occurs in normal operation or handling. If it should occur, avoid inhalation of the dust. Sweep material onto paper or collect it.

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**SECTION 7 HANDLING AND STORAGE**

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Handling: Keep away from contact with oxidising materials.

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Storage: Keep out of the reach of children.

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### SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: SEE SECTION 2

Engineering Controls: Good ventilation should be sufficient.

Personal Protection Equipment(s):

Respiratory Protection:  Required  Not Required

Eye / Face Protection:  Required  Not Required

Skin Protection:  Required  Not Required

### SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Fine powder
Odour:	Slight plastic odour
pH in concentrate:	Cannot be determined
Boiling Point / Range (°C):	Not available for solid mixtures.
Melting Point / Range (°C):	100 - 150°C
pH in dilution as used:	Cannot be determined.
Flash Point (°C):	No data available
Flammable (Explosive) Limits:	No data available
Autoignition Temperature (°C):	No data available
Flammability:	Non-flammable solid (According to test method of USA 16CFR 1500.44 and 84/449/EEC (Annex V) A.10.)
Autoflammability:	No data available
Explosive Properties:	No data available
Oxidizing Properties:	No data available
Vapour Pressure:	Negligible
Vapour Density:	Not applicable
Density / Specific Gravity:	1.4 – 1.6
Water Solubility:	Negligible
Solubility in organic solvents:	Partially soluble in toluene and xylene.
Partition Coefficient (n-Octanol / Water):	No data available
Percent Volatile:	Negligible
Evaporation Rate:	No data available







