

**SECTION 1: Product and company identification****Product identifier**

**Product name** Canon Cartridge 067 H Magenta  
**Product code(s)** 5104C001  
**Use** Toner for electrophotographic machines

**Details of the supplier of the safety data sheet****Supplier**

Canon USA, Inc.  
One Canon Park, Melville, NY 11747, USA  
Phone number : 1-800-OK-CANON  
Emergency phone number : 24 Hr. Emergency CHEMTREC # 1-800-424-9300

Canon Canada Inc.  
8000 Mississauga Road, Brampton, Ontario L6Y 5Z7, Canada  
Phone number : (1) 905-863-8000  
Emergency phone number : 24 Hr. Emergency CHEMTREC # 1-800-424-9300

**Manufacturer**

Canon Inc.  
30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146-8501, Japan

**SECTION 2: Hazards identification****Emergency overview**

Magenta fine powder, slight plastic odor.

**Classification under OSHA HCS**

Not classified

**US Label elements under OSHA HCS****Symbol**

Not required

**Signal word**

Not required

**Hazard statements**

Not required

**Precautionary statements**

Not required

**Other information**

None

**Other hazards which do not result in classification**

None

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

Chemical name	CAS-No	Weight %
Styrene acrylate copolymer	CBI	75 - 85
Wax	CBI	5 - 10
Pigment	CBI	5 - 10
Amorphous silica	7631-86-9	1 - 3

**SECTION 4: First aid measures****Description of first aid measures**

<b>Inhalation</b>	Move to fresh air. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Rinse mouth. Drink 1 or 2 glasses of water. Get medical attention immediately if symptoms occur.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur.
<b>Eye contact</b>	Flush with plenty of water. Get medical attention immediately if symptoms occur.

**Most important symptoms and effects, both acute and delayed**

<b>Inhalation</b>	None under normal use. Exposure to excessive amounts of dust may cause physical irritation to respiratory tract.
<b>Ingestion</b>	None under normal use.
<b>Skin contact</b>	None under normal use.
<b>Eye contact</b>	None under normal use. May cause slight irritation.
<b>Chronic effects</b>	None under normal use. Prolonged inhalation of excessive amounts of dust may cause lung damage.

**Indication of any immediate medical attention and special treatment needed**

None

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**Use CO<sub>2</sub>, water, dry chemical, or foam.**Unsuitable extinguishing media**

None

**Special hazards arising from the substance or mixture****Special hazard**

May form explosive mixtures with air.

**Hazardous combustion products**Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO)

**Advice for firefighters**

**Special protective equipment for firefighters**

None

**SECTION 6: Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Avoid breathing dust. Avoid contact with skin, eyes and clothing.

**Environmental precautions**

Keep out of waterways.

**Methods and material for containment and cleaning up**

Clean up promptly by scoop or vacuum. If a vacuum cleaner is used, be sure to use a model with dust explosion safety measures. May form explosive mixtures with air.

**Other information**

None

**SECTION 7: Handling and storage**

**Precautions for safe handling**

Avoid breathing dust. Avoid contact with skin, eyes and clothing. Clean contaminated surface thoroughly. Use only with adequate ventilation.

**Conditions for safe storage, including any incompatibilities**

Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Incompatible with oxidizing agents.

**SECTION 8: Exposure controls/personal protection**

**Exposure guidelines**

Chemical name	OSHA PEL	ACGIH TLV
Amorphous silica 7631-86-9	TWA: 20 mppcf : (80)/(% SiO2) mg/m <sup>3</sup> TWA	None

**Appropriate engineering controls**    None under normal use conditions.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**                    Not required under normal use.  
**Skin protection**                         Not required under normal use.  
**Respiratory protection**                Not required under normal use.

**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

**Appearance**                                Magenta ; powder  
**Odor**                                         Slight odor  
**Odor threshold**                         No data available  
**pH**     Not applicable

Melting/freezing point (°C)	80 - 130 (Softening point)
Boiling point/range (°C)	Not applicable
Flash point (°C)	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	Not flammable; estimated
Flammability limits in air	
Upper flammability limit	Not applicable
Lower flammability limit	Not applicable
Vapor pressure	Not applicable
Vapor density	Not applicable
Relative density	1.0 - 1.2
Solubility(ies)	Organic solvent; partly soluble
Partition coefficient: n-octanol/water	Not applicable
Auto-ignition temperature (°C)	No data available
Decomposition temperature (°C)	> 200
Viscosity (mPa s)	Not applicable

**Other information**

No data available

**SECTION 10: Stability and reactivity****Reactivity**

None

**Chemical stability**

Stable

**Possibility of hazardous reactions**

None

**Conditions to avoid**

None

**Incompatible materials**

Acids, Bases, Oxidizing agents, Reducing agents.

**Hazardous decomposition products**Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO)**SECTION 11: Toxicological information****Information on toxicological effects**

<b>Acute toxicity</b>	Estimate: LD50 > 2000 mg/kg (Ingestion)
<b>Skin corrosion/irritation</b>	Estimate: Non-irritant
<b>Serious eye damage/eye irritation</b>	Estimate: Transient slight conjunctival irritation only.
<b>Sensitization</b>	Estimate: Non-sensitizing
<b>Germ cell mutagenicity</b>	Ames Test (S. typhimurium, E. coli): Negative

<b>Carcinogenicity</b>	No data available
<b>Reproductive toxicity</b>	No data available
<b>STOT - single exposure</b>	No data available
<b>STOT - repeated exposure</b>	Muhle et al. reported pulmonary response upon chronic inhalation exposure in rats to a toner enriched in respirable-sized particles compared to commercial toner. No pulmonary change was found at 1 mg/m <sup>3</sup> which is most relevant to potential human exposure. A minimal to mild degree of fibrosis was noted in 22% of the animals at 4 mg/m <sup>3</sup> , and a mild to moderate degree of fibrosis was observed in 92% of the animals at 16 mg/m <sup>3</sup> . These findings are attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lung for a prolonged interval.
<b>Aspiration hazard</b>	No data available
<b>Other information</b>	No data available

## SECTION 12: Ecological information

### Toxicity

#### **Ecotoxicity effects**

Fish, 96h LC50 > 100 mg/l  
Crustaceans, 48h EC50 > 100 mg/l  
Algae, ErC50(0-72h) > 100 mg/l

#### **Persistence and degradability**

No data available

#### **Bioaccumulative potential**

No data available

#### **Mobility in soil**

No data available

#### **Other adverse effects**

No data available

## SECTION 13: Disposal considerations

### **Waste treatment methods**

DO NOT put toner or a toner container into fire. Heated toner may cause severe burns. DO NOT dispose of a toner container in a plastic crusher. Use a facility with dust explosion prevention measures. Finely dispersed particles form explosive mixtures with air. Dispose of in accordance with local regulations.

## SECTION 14: Transport information

**UN number** None

**UN proper shipping name** None

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<u>Transport hazard class</u>	None
<u>Packing group</u>	None
<u>Environmental hazards</u>	Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.
<u>Special precautions for users</u>	IATA: Not regulated
<u>Transport in bulk according to Annex II of MARPOL and the IBC Code</u>	Not applicable

## SECTION 15: Regulatory information

### Safety, health and environmental regulations specific for the product in question

<b>TSCA Sec. 4,5,6,7,8,12b</b>	None
<b>SARA Title III Sec. 313</b>	None
<b>California Proposition 65</b>	None
<b>CEPA Sec. 81</b>	None (Manufactured Item)
<b>HPA (WHMIS)</b>	None (Manufactured Article)
<b>Other information</b>	None

## SECTION 16: Other information

### **Key literature references and sources for data**

- U.S. Department of Labor, 29CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- U.S. Environmental Protection Agency, 40CFR Part 700-799
- U.S. Consumer Product Safety Commission, 16CFR Part 1500
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- U.S. Department of Health and Human Services National Toxicology Program, Annual Report on Carcinogens
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- California EPA, Code of Regulations Title 27. Division 4. Chapter 1. Safe Drinking Water and Toxic Enforcement Act of 1986
- Environment and Climate Change Canada, Canadian Environmental Protection Act, 1999
- Health Canada, Hazardous Products Act, and Hazardous Products Regulations
- Canada Workplace Hazardous Materials Information System

### **Key or legend to abbreviations and acronyms used in the safety data sheet**

- OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA)
- FHSA: Federal Hazardous Substances Act
- OSHA PEL: PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration (USA)
- ACGIH TLV: TLV(Threshold Limit Value) under American Conference of Governmental Industrial Hygienists
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- TSCA: Toxic Substances Control Act
- SARA Title III: SARA Title III of the Superfund Amendments and Reauthorization Act of 1986
- Proposition 65: Safe Drinking Water and Toxic Enforcement Act of 1986
- CEPA: Canadian Environmental Protection Act, 1999
- HPA: Hazardous Products Act
- WHMIS: Workplace Hazardous Materials Information System
- CBI: Confidential Business Information

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Revision note None

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