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

**Product name** Canon NPG-14 Black Toner  
**Product Code(s)** 1385A002  
**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.  
6390 Dixie Road, Mississauga, Ontario L5T 1P7, Canada  
Phone number : (1) 905-795-1111  
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**

Black 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	45 - 55
Iron oxide	1317-61-9	40 - 50

### 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>, dry chemical, or foam, Water.

##### **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 fire-fighters**  
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

The product does not contain any hazardous materials with occupational exposure limits established.

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

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

<b>Eye/face Protection</b>	Not required under normal use.
<b>Skin Protection</b>	Not required under normal use.
<b>Respiratory Protection</b>	Not required under normal use.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Appearance</b>	Black ; powder
<b>Odor</b>	Slight odor
<b>Odor threshold</b>	No data available
<b>pH</b>	Not Applicable
<b>Melting/Freezing point (°C)</b>	100-150 (Softening point)
<b>Boiling Point/Range (°C)</b>	Not Applicable
<b>Flash Point (°C)</b>	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	1.4-1.8
Solubility(ies)	Organic solvent; partly soluble
Partition coefficient: n-octanol/water	Not Applicable
Autoignition 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**

Acute toxicity	LD50 > 5000 mg/kg (Ingestion)
Skin corrosion/irritation	Non-irritant
Serious eye damage/eye irritation	Transient slight conjunctival irritation only.
Sensitization	Non-sensitizing
Germ cell mutagenicity	Ames Test (S. typhimurium): Negative
Carcinogenicity	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

<b><u>UN number</u></b>	None
<b><u>UN Proper Shipping Name</u></b>	None
<b><u>Transport Hazard Class</u></b>	None

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<u>Packing Group</u>	None
<u>Environmental Hazards</u>	No special environmental precautions required.
<u>Special Precautions for users</u>	None
<u>Transport in bulk according to Annex II of MARPOL 73/78 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
<b>HPA (WHMIS)</b>	Not a controlled product
<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 Canada, Canadian Environmental Protection Act, 1999
- Health Canada, Hazardous Products Act, and Controlled 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
- IARC: International Agency for Research on Cancer
- 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
- 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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**This safety data sheet (SDS) is supplied voluntarily.**

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