

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

### 1.1. Product identifier

**Product name** Canon Cartridge 057  
**Product code(s)** 3009C002

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use** Toner for electrophotographic machines

### 1.3. Details of the supplier of the safety data sheet

#### Supplier

Importer  
Canon Europa N.V. / Canon (UK) Ltd.  
Bovenkerkerweg 59, 1185XB Amstelveen, The Netherlands  
+31 20 5458545, +31 20 5458222  
www.canon-europe.com, ceu-Reach@canon-europe.com

5 The Square, Stockley Park, Uxbridge, Middlesex, UB11 1ET United Kingdom  
+44 01895 648000

#### Manufacturer

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

### 1.4. Emergency telephone number

|                       |                                   |                       |                        |
|-----------------------|-----------------------------------|-----------------------|------------------------|
| <b>Austria</b>        | +43 (0) 1 406 43 43               | <b>Belgium</b>        | +32 (0) 70 245 245     |
| <b>Bulgaria</b>       | +359 2 9154 233                   | <b>Croatia</b>        | +385 (0)1-23-48-342    |
| <b>Cyprus</b>         | 1401                              | <b>Czech Republic</b> | +420 224919293         |
| <b>Denmark</b>        | +45 82 12 12 12 <sup>[*1]</sup>   | <b>Estonia</b>        | 16662                  |
| <b>Finland</b>        | +358 (0)9 471977                  | <b>France</b>         | +33 (0)1 45 42 59 59   |
| <b>Greece</b>         | +30 210 7793777                   | <b>Hungary</b>        | +36 80 20 11 99        |
| <b>Ireland</b>        | 353 (1) 809-2166/-2566            | <b>Italy</b>          | +39 (0)55 7947819      |
| <b>Latvia</b>         | +371 67042473                     | <b>Lithuania</b>      | +370 (85) 2362052      |
| <b>Luxembourg</b>     | (+352) 8002 5500                  | <b>Malta</b>          | 21224071               |
| <b>Netherlands</b>    | +31 (0)30-2748888 <sup>[*2]</sup> | <b>Poland</b>         | 42 25 38-421/-422/-406 |
| <b>Portugal</b>       | +351 800 250 250                  | <b>Romania</b>        | +40 21 318 36 06       |
| <b>Slovakia</b>       | +421 2 5477 4166                  | <b>Slovenia</b>       | 112                    |
| <b>Spain</b>          | +34 91 562 04 20                  | <b>Sweden</b>         | 112 <sup>[*3]</sup>    |
| <b>United Kingdom</b> | +44 121 507 4123                  | <b>Iceland</b>        | 112                    |
| <b>Liechtenstein</b>  | 145                               | <b>Norway</b>         | +47 22 59 13 00        |
| <b>Switzerland</b>    | 145                               |                       |                        |

\*1 Kontakt Giftnlinien på tf.nr.: 82 12 12 12 (åbent 24 timer i døgnet). Se punkt 4 om førstehjælp.

\*2 Only for the purpose of informing medical personnel in cases of acute intoxications.

\*3 Ask for Poison Information

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**  
Not classified

## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008

#### Hazard pictograms

Not required

#### Signal word

Not required

#### Hazard statements

Not required

#### Precautionary statements

Not required

#### Other information

None

## 2.3. Other hazards

None

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

| Chemical name              | CAS-No    | EC-No     | REACH registration number | Weight % | Classification (Regulation (EC) No 1272/2008) | SCL, M-factor, ATE | Note to other hazards |
|----------------------------|-----------|-----------|---------------------------|----------|---|--------------------|-----------------------|
| Styrene acrylate copolymer | CBI       | CBI       | None                      | 40 - 50  | None  | No data available  |                       |
| Iron oxide                 | 1317-61-9 | 215-277-5 | 01-2119457646-28-xxxx     | 35 - 45  | None  | No data available  |                       |
| Wax                        | CBI       | CBI       | None                      | 10 - 20  | None  | No data available  |                       |
| Amorphous silica           | 7631-86-9 | 231-545-4 | 01-2119379499-16-xxxx     | < 3      | None  | No data available  |                       |

Full texts of Hazard statement(s) are listed in SECTION 16

Note to other hazards : The following substance(s) is (are) marked with (1), (2), (3) and/or (4)

- (1) Substance for which EU Occupational Exposure Limit(s) is (are) established (See SECTION 8)
- (2) PBT substance or vPvB substance under Regulation (EC) No 1907/2006
- (3) Substance listed in Candidate List of SVHC for Authorisation under Regulation (EC) No 1907/2006
- (4) Endocrine disrupting substance under Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### Inhalation

Move to fresh air. Get medical attention immediately if symptoms occur.

#### Ingestion

Rinse mouth. Drink 1 or 2 glasses of water. Get medical attention immediately if symptoms occur.

#### Skin contact

Wash off immediately with soap and plenty of water. Get medical attention immediately if symptoms occur.

#### Eye contact

Flush with plenty of water. Get medical attention immediately if symptoms occur.

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**4.2. 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.  |

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

None

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**  
Use CO<sub>2</sub>, water, dry chemical, or foam.

**Unsuitable extinguishing media**  
None

**5.2. 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)

**5.3. Advice for firefighters**

**Special protective equipment for firefighters**  
None

**SECTION 6: Accidental release measures**

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

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

**6.2. Environmental precautions**

Keep out of waterways.

**6.3. 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.

**6.4. Reference to other sections**

None

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

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

**7.2. 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.

**7.3. Specific end uses**

Toner for electrophotographic machines. Obtain special instructions before use.

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

**8.1. Control parameters**

**Exposure limits**

| Chemical name                 | EU OEL   | Austria   | Belgium  | Bulgaria                                   | Cyprus  |
|-------------------------------|--|---|--|--|---|
| Amorphous silica<br>7631-86-9 | None   | TWA: 4 mg/m <sup>3</sup><br>inhalable fraction  | None   | None                                       | None  |
| Chemical name                 | Czech Republic   | Denmark   | Finland  | France                                     | Germany   |
| Amorphous silica<br>7631-86-9 | TWA: 4.0 mg/m <sup>3</sup><br>amorphous SiO <sub>2</sub> | None  | TWA: 5 mg/m <sup>3</sup>   | None                                       | TRGS TWA: 4 mg/m <sup>3</sup><br>inhalable fraction<br>DFG TWA: 4 mg/m <sup>3</sup><br>inhalable fraction |
| Chemical name                 | Greece   | Hungary   | Ireland  | Italy                                      | Netherlands   |
| Amorphous silica<br>7631-86-9 | None   | None  | TWA: 6 mg/m <sup>3</sup> total<br>inhalable dust<br>TWA: 2.4 mg/m <sup>3</sup><br>respirable dust<br>STEL: 18 mg/m <sup>3</sup><br>respirable dust<br>STEL: 7.2 mg/m <sup>3</sup><br>respirable dust | None                                       | None  |
| Chemical name                 | Sweden   | United Kingdom  | Norway   | Switzerland                                | Turkey  |
| Amorphous silica<br>7631-86-9 | None   | TWA: 6 mg/m <sup>3</sup><br>inhalable dust<br>TWA: 2.4 mg/m <sup>3</sup><br>respirable dust | TWA: 1.5 mg/m <sup>3</sup><br>respirable dust<br>STEL: 3 mg/m <sup>3</sup><br>respirable dust  | TWA: 4 mg/m <sup>3</sup><br>inhalable dust | None  |

**8.2. Exposure controls**

**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.  
**Thermal hazards** Not applicable

**SECTION 9: Physical and chemical properties**

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

**Physical state** Powder  
**Color** Black  
**Odor** Slight odor  
**Melting/freezing point (°C)** 90 - 140 (Softening point)  
**Boiling point or initial boiling point and boiling range (°C)** Not applicable

|   |                                 |
|---|---------------------------------|
| Flammability                                      | Not flammable; estimated        |
| Lower and upper explosion limit                   | Not applicable                  |
| Flash point (°C)                                  | Not applicable                  |
| Auto-ignition temperature (°C)                    | Not applicable                  |
| Decomposition temperature (°C)                    | > 200                           |
| pH  | No data available               |
| Kinematic viscosity (mm <sup>2</sup> /s)          | Not applicable                  |
| Solubility  | Organic solvent; partly soluble |
| Partition coefficient n-octanol/water (log value) | Not applicable                  |
| Vapor pressure                                    | Not applicable                  |
| Density and/or relative density                   | 1.4 - 1.8                       |
| Relative vapor density                            | Not applicable                  |
| Particle characteristics                          | 1 - 10um                        |

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

None

### 10.2. Chemical stability

Stable

### 10.3. Possibility of hazardous reactions

None

### 10.4. Conditions to avoid

None

### 10.5. Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents.

### 10.6. Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>), Carbon monoxide (CO)

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                                   |  |
|-----------------------------------|--|
| Acute toxicity                    | Estimate: LD50 > 2000 mg/kg (Ingestion)                  |
| Skin corrosion/irritation         | Estimate: Non-irritant                                   |
| Serious eye damage/eye irritation | Estimate: Transient slight conjunctival irritation only. |
| Sensitization                     | Estimate: Non-sensitizing                                |
| Germ cell mutagenicity            | Ames Test (S. typhimurium, E. coli): Negative            |
| Carcinogenicity                   | No data available  |

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|                                 |   |
|---------------------------------|---|
| <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   |

#### **11.2. Information on other hazards**

No data available

### **SECTION 12: Ecological information**

#### **12.1. Toxicity**

##### **Ecotoxicity effects**

Estimate: Fish, 96h LL50 > 100 mg/l (WAF)  
Estimate: Crustaceans, 48h EL50 > 100 mg/l (WAF)  
Estimate: Algae, ErL50(0-72h) > 100 mg/l (WAF)

#### **12.2. Persistence and degradability**

No data available

#### **12.3. Bioaccumulative potential**

No data available

#### **12.4. Mobility in soil**

No data available

#### **12.5. Results of PBT and vPvB assessment**

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).  
This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

#### **12.6. Endocrine disrupting properties**

No data available

#### **12.7. Other adverse effects**

No data available

### **SECTION 13: Disposal considerations**

#### **13.1. 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>14.1. UN number or ID number</b>                                  | 2807   |
| <b>14.2. UN proper shipping name</b>                                 | Magnetized material  |
| <b>14.3. Transport hazard class</b>                                  | 9  |
| <b>14.4. Packing group</b>   | None   |
| <b>14.5. Environmental hazards</b>                                   | Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code. |
| <b>14.6. Special precautions for users</b>                           | 64 or more of these products shipped together, by air, are regulated as magnetized material.                 |
| <b>14.7. Maritime transport in bulk according to IMO instruments</b> | Not applicable   |

## SECTION 15: Regulatory information

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

|                                 |               |
|---------------------------------|---------------|
| (EC) No 1907/2006 Authorisation | Not regulated |
| (EC) No 1907/2006 Restriction   | Not regulated |
| (EC) No 1005/2009               | Not regulated |
| (EU) 2019/1021                  | Not regulated |
| (EU) No 649/2012                | Not regulated |
| Other information               | None          |

### **15.2. Chemical safety assessment**

None

## SECTION 16: Other information

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

- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EU) 2019/1021, (EU) No 649/2012

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

- SCL: Specific Concentration Limit
- M-factor: Multiplication factor
- ATE: Acute Toxicity Estimate
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- SVHC: Substances of Very High Concern
- EU OEL: Occupational exposure limits at Union level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164 and (EU) 2019/1831.
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- CBI: Confidential Business Information

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**3009C002**  
**Canon Cartridge 057**

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**This safety data sheet (SDS) is supplied voluntarily.**

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