

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

### 1.1. Product identifier

**Product name** Canon Cartridge 055 H Yellow  
**Product code(s)** 3017C002

### 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 tlf.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	75 - 85	None	No data available	
Wax	CBI	CBI	None	5 - 10	None	No data available	
Pigment	CBI	CBI	None	5 - 10	None	No data available	
Amorphous silica	7631-86-9	231-545-4	01-2119379499-16-xxxx	1 - 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 7631-86-9	None	TWA: 4 mg/m <sup>3</sup> inhalable fraction	None	None	None
Chemical name	Czech Republic	Denmark	Finland	France	Germany
Amorphous silica 7631-86-9	TWA: 4.0 mg/m <sup>3</sup> amorphous SiO <sub>2</sub>	None	TWA: 5 mg/m <sup>3</sup>	None	TRGS TWA: 4 mg/m <sup>3</sup> inhalable fraction DFG TWA: 4 mg/m <sup>3</sup> inhalable fraction
Chemical name	Greece	Hungary	Ireland	Italy	Netherlands
Amorphous silica 7631-86-9	None	None	TWA: 6 mg/m <sup>3</sup> total inhalable dust TWA: 2.4 mg/m <sup>3</sup> respirable dust STEL: 18 mg/m <sup>3</sup> respirable dust STEL: 7.2 mg/m <sup>3</sup> respirable dust	None	None
Chemical name	Sweden	United Kingdom	Norway	Switzerland	Turkey
Amorphous silica 7631-86-9	None	TWA: 6 mg/m <sup>3</sup> inhalable dust TWA: 2.4 mg/m <sup>3</sup> respirable dust	TWA: 1.5 mg/m <sup>3</sup> respirable dust STEL: 3 mg/m <sup>3</sup> respirable dust	TWA: 4 mg/m <sup>3</sup> 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** Yellow  
**Odor** Slight odor  
**Melting/freezing point (°C)** 80 - 130 (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	1.0 - 1.2
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 LC50 > 100 mg/l  
Estimate: Crustaceans, 48h EC50 > 100 mg/l  
Estimate: Algae, ErC50(0-72h) > 100 mg/l

#### **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>	None
<b>14.2. UN proper shipping name</b>	None
<b>14.3. Transport hazard class</b>	None
<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>	IATA: Not regulated
<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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**3017C002**  
**Canon Cartridge 055 H Yellow**

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**Revision note** None

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

**Disclaimer**

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