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 Version : 01

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

**1.1. Product Identifier**

**Product name** Canon Toner T04 Yellow  
**Product Code(s)** 2977C001

**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.  
 Bovenkerkerweg 59, 1185XB Amstelveen, The Netherlands  
 +31 20 5458545, +31 20 5458222  
 www.canon-europe.com, ceu-Reach@canon-europe.com

**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>	112	<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 [*1]	<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>Italy</b>	+39 (0)55 7947819	<b>Latvia</b>	+371 67042473
<b>Lithuania</b>	+370 687 53378	<b>Luxembourg</b>	112
<b>Malta</b>	112	<b>Netherlands</b>	+31 (0)30-2748888 [*2]
<b>Poland</b>	112	<b>Portugal</b>	+351 808 250 143
<b>Romania</b>	+40 21 318 36 06	<b>Slovakia</b>	+421 2 5477 4166
<b>Slovenia</b>	112	<b>Spain</b>	112
<b>Sweden</b>	112 [*3]	<b>United Kingdom</b>	111 (UK only)
<b>Iceland</b>	112	<b>Liechtenstein</b>	145
<b>Norway</b>	+47 22 59 13 00	<b>Switzerland</b>	145

\*1 Kontakt Giftlinien 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 (Reg. 1272/2008)	Note to Other Hazards
Styrene acrylate copolymer	CBI	CBI	None	80 - 90	None	
Wax	CBI	CBI	None	5 - 10	None	
Pigment	CBI	CBI	None	1 - 5	None	

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) and/or (3)

- (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

**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.

**4.2. Most important symptoms and effects, both acute and delayed****Inhalation**

None under normal use. Exposure to excessive amounts of dust may cause physical irritation to respiratory tract.

**Ingestion**

None under normal use.

**Skin Contact**

None under normal use.

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<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.

**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 fire-fighters**

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** None

### 8.2. Exposure controls

**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.
<b>Thermal hazards</b>	Not Applicable

## SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Yellow ; powder
<b>Odor</b>	Slight odor
<b>Odor threshold</b>	No data available
<b>pH</b>	Not Applicable
<b>Melting/Freezing point (°C)</b>	80 - 130 (Softening point)
<b>Boiling Point/Range (°C)</b>	Not Applicable
<b>Flash Point (°C)</b>	Not Applicable
<b>Evaporation Rate</b>	Not Applicable
<b>Flammability (solid, gas)</b>	Not flammable; estimated
<b>Flammability Limits in Air</b>	
<b>Upper Flammability Limit</b>	Not Applicable
<b>Lower Flammability Limit</b>	Not Applicable
<b>Vapor pressure</b>	Not Applicable
<b>Vapor density</b>	Not Applicable
<b>Relative density</b>	1.0 - 1.2
<b>Solubility(ies)</b>	Organic solvent; partly soluble
<b>Partition coefficient: n-octanol/water</b>	Not Applicable
<b>Autoignition Temperature (°C)</b>	No data available
<b>Decomposition Temperature (°C)</b>	> 200
<b>Viscosity (mPa s)</b>	Not Applicable
<b>Explosive properties</b>	May form explosive mixtures with air
<b>Oxidizing properties</b>	No data available

### 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 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

### 12.1. Toxicity

#### **Ecotoxicity effects**

Fish, 96h LC50 > 100 mg/l

Crustaceans, 48h EC50 > 100 mg/l

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. 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><u>14.1. UN number</u></b>	None
<b><u>14.2. UN Proper Shipping Name</u></b>	None
<b><u>14.3. Transport Hazard Class</u></b>	None
<b><u>14.4. Packing Group</u></b>	None
<b><u>14.5. Environmental Hazards</u></b>	Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.
<b><u>14.6. Special Precautions for users</u></b>	IATA: Not regulated
<b><u>14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code</u></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
(EC) No 850/2004	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, (EC) No 850/2004, (EU) No 649/2012

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

- 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 and (EU) 2017/2398, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU and (EU) 2017/164.
- 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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