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SDS # : TCW 0447 N - 01 EU EN  
Version : 01

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

### 1.1. Product Identifier

**Product name** Canon Cartridge 713 Starter  
**Product Code(s)** R04-4013

### 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 [ <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>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 [ <sup>*2</sup> ]
<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 [ <sup>*3</sup> ]	<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

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**  
Not classified

**2.2. Label Elements****Labelling according to Regulation (EC) No 1272/2008**

Not required

**Hazard pictograms**

Not required

**Signal word**

Not required

**Hazard statements**

Not required

**Precautionary Statements - EU (§28, 1272/2008)**

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 (67/548)	Indication of danger	Classification (Reg. 1272/2008)
Styrene acrylate copolymer	CBI	CBI	None	45 - 55	None	None	None
Ferrite	CBI	CBI	None	35 - 45	None	None	None
Wax	CBI	CBI	None	5 - 10	None	None	None

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

**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**

The product does not contain any hazardous materials with occupational exposure limits established for the European Union.

### 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>	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
<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>	1.4-1.8
<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**

Estimate: Fish, 96h LL50 > 1000 mg/l (WAF)  
 Estimate: Crustaceans, 48h EL50 > 1000 mg/l (WAF)  
 Estimate: Algae, ErL50(0-72h) > 1000 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. 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</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>  | No special environmental precautions required. |
| <b>14.6. Special Precautions for users</b>  | None   |
| <b>14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Not Applicable                                 |

**SECTION 15: Regulatory information**

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

- |  |               |
|--|---------------|
| <b>(EC) No 1907/2006 Authorisation</b> | Not regulated |
| <b>(EC) No 1907/2006 Restriction</b>   | Not regulated |
| <b>(EC) No 1005/2009</b>               | Not regulated |
| <b>(EC) No 850/2004</b>                | Not regulated |

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(EU) No 649/2012  
Other Information

Not regulated  
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 Directive 1999/45/EC
- 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
- IARC: International Agency for Research on Cancer
- EU OEL: Occupational exposure limits at Community level under Directive 2004/37/EC, 98/24/EC, 91/322/EEC, 2000/39/EC, 2006/15/EC and 2009/161/EU.
- TWA: Time Weighted Average
- STEL: Short Term Exposure Limit
- CBI: Confidential Business Information

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#### Disclaimer

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