

Issuing date : 10-Apr-2014  
Revision date : -

SDS # : TCW 0009 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 737 (For Multi Function Printer)

**Product Code(s)** 9435B / R20-1401

### 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>Denmark</b>	+45 82 12 12 12	<b>Belgium</b>	+32 70 245 245
<b>Netherlands</b>	+31 (0)30 2743860	<b>France</b>	+33 (0)1 45 42 59 59
<b>United Kingdom</b>	111 (UK only)	<b>Finland</b>	+358 9 471 977
<b>Sweden</b>	112	<b>Spain</b>	112
<b>Italy</b>	+39 0557947819		

## Section 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### **Classification according to Regulation (EU) 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**

<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.

**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.
<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: FIRE FIGHTING 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>	estimated; Not flammable
<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</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
<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

<u>14.1. UN number</u>	2807
<u>14.2. Proper Shipping Name</u>	Magnetized material
<u>14.3. Hazard Class</u>	9
<u>14.4. Packing Group</u>	None
<u>14.5. Environmental Hazards</u>	No special environmental precautions required.
<u>14.6. Special Precautions for users</u>	105 or more of these products shipped together, by air, are regulated as magnetized material.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code 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
(EC) 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 Directive 1999/45/EC
- EU Regulation (EC) No 1907/2006, (EC) No 1272/2008, (EC) No 1005/2009, (EC) No 850/2004, (EC) 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

Issuing date : 10-Apr-2014

Revision date : -

Revision Note None

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