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

**Product Identifier**

- **Product name**: Canon imagePRESS Toner T07 Black
- **Product Code(s)**: 3641C001
- **Use**: Toner for electrophotographic machines

**Details of the supplier of the safety data sheet**

- **Supplier**
  - Canon Australia Pty Ltd
  - Building A, The Park Estate, 5 Talavera Road, Macquarie Park, NSW 2113, Australia
  - Email: qse@canon.com.au
  - Phone number: (61) 2-9805-2000
  - Emergency phone number: 13 11 26 (Within Australia)

- **Canon New Zealand Limited**
  - 28 The Warehouse Way, Akoranga Business Park, Northcote, Auckland, 0627, New Zealand
  - Email: qse@canon.com.au
  - Phone number: 0800 222 666 (Within New Zealand)
  - Emergency phone number: 0800 764 766 or 0800 POISON (Within New Zealand)

- **Canon Singapore Pte. Ltd.**
  - 1 Fusionopolis Place, #15-10 Galaxis, Singapore 138522
  - Email: cspl_msds@canon.com.sg
  - Phone number: (65) 6799-8888

- **Canon India Pvt. Ltd.**
  - 7th Floor, Tower B, DLF Epitome, DLF Phase-3, Gurgaon-122002 Haryana, India
  - Phone number: (91) 124-416-0000
  - Emergency phone number: (91) 124-416-0180

- **Canon (China) Co. Ltd**
  - 33F, China Life Financial Center, No.23 Zhenzhi Road, Chaoyang District, Beijing 100026, P.R.China

- **Canon Korea Business Solutions INC.**
  - 607 Teheran-ro, Gangnam-gu, Korea
  - Email: webmaster@canon-bs.co.kr
  - Phone number: (82) 1588-2500

**Manufacturer**

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

### SECTION 2: Hazards identification

**Classification of the substance or mixture**

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

**Label Elements**

- **Labelling according to Regulation (EC) No 1272/2008**
SECTION 3: Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No</th>
<th>EC-No</th>
<th>Weight %</th>
<th>Classification (Reg. 1272/2008)</th>
<th>Note to Other Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyester resin</td>
<td>CBI</td>
<td>CBI</td>
<td>70 - 80</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Styrene acrylate copolymer</td>
<td>CBI</td>
<td>CBI</td>
<td>5 - 10</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Carbon black</td>
<td>1333-86-4</td>
<td>215-609-9</td>
<td>5 - 10</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Wax</td>
<td>CBI</td>
<td>CBI</td>
<td>3 - 10</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>7631-86-9</td>
<td>231-545-4</td>
<td>1 - 5</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

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

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.

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.

Eye Contact
None under normal use. May cause slight irritation.

Chronic Effects
None under normal use. Prolonged inhalation of excessive amounts of dust may cause lung damage.

Indication of any immediate medical attention and special treatment needed
None

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media
Use CO₂, water, dry chemical, or foam.

Unsuitable extinguishing media
None

Special hazards arising from the substance or mixture

Special Hazard
May form explosive mixtures with air.

Hazardous combustion products
Carbon dioxide (CO₂), Carbon monoxide (CO)

Advice for firefighters

Special protective equipment for fire-fighters
None

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Avoid breathing dust. Avoid contact with skin, eyes and clothing.

Environmental Precautions
Keep out of waterways.

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.

Other Information
None

SECTION 7: Handling and storage

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

Specific end uses

Toner for electrophotographic machines. Obtain special instructions before use.

SECTION 8: Exposure controls/personal protection

Control parameters

Exposure Limits

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EU OEL</th>
<th>Australia OEL</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black</td>
<td>None</td>
<td>TWA: 3 mg/m³</td>
<td>TWA: 3.5 mg/m³</td>
<td>TWA: 3 mg/m³ inhalable fraction</td>
</tr>
<tr>
<td>1333-86-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amorphous silica</td>
<td>None</td>
<td>TWA: 2 mg/m³ respirable dust</td>
<td>TWA: 20 mppcf : (80)/(% SiO2) mg/m³ TWA</td>
<td>None</td>
</tr>
<tr>
<td>7631-86-9</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Information on basic physical and chemical properties

Appearance
Black ; powder

Odor
Slight odor

Odor threshold
No data available

pH
Not Applicable

Melting/Freezing point (°C)
85 - 120 (Softening point)

Boiling Point/Range (°C)
Not Applicable

Flash Point (°C)
Not Applicable

Evaporation Rate
Not Applicable

Flammability (solid, gas)
Not flammable; estimated

Flammability Limits in Air
Upper Flammability Limit
Not Applicable

Lower Flammability Limit
Not Applicable

Vapor pressure
Not Applicable

Vapor density
Not Applicable

Relative density
1.0 - 1.5

Solubility(ies)
Organic solvent; partly soluble

Partition coefficient: n-octanol/water
Not Applicable

Autoignition Temperature (°C)
No data available

Decomposition Temperature (°C)
> 200

Viscosity (mPa s)
Not Applicable

Explosive properties
May form explosive mixtures with air

Oxidizing properties
No data available

Other Information

No data available

SECTION 10: Stability and reactivity
Reactivity

None

Chemical stability

Stable

Possibility of Hazardous Reactions

None

Conditions to Avoid

None

Incompatible materials

Acids, Bases, Oxidizing agents, Reducing agents.

Hazardous Decomposition Products

Carbon dioxide (CO₂), Carbon monoxide (CO)

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Estimate: LD₅₀ > 2000 mg/kg (Ingestion)

Skin corrosion/irritation

Estimate: Mild 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

The IARC evaluated carbon black as a Group 2B carcinogen, for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rats receiving chronic inhalation exposure to powdered carbon black at levels that induce particle overload of the lung. However, there is a two-year inhalation study of a toner containing carbon black which demonstrated no association between toner exposure and tumor development in rats.

Reproductive Toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

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/m³ 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/m³, and a mild to moderate degree of fibrosis was observed in 92% of the animals at 16 mg/m³. These findings are attributed to “lung overloading”, a generic response to excessive amounts of any dust retained in the lung for a prolonged interval.

Aspiration hazard

No data available

Other Information

No data available
SECTION 12: Ecological information

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

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Mobility in soil
No data available

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).

Other adverse effects
No data available

SECTION 13: Disposal considerations

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

UN number
None

UN Proper Shipping Name
None

Transport Hazard Class
None

Packing Group
None

Environmental Hazards
Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code.

Special Precautions for users
IATA: Not regulated

Transport in bulk according to Annex II of MARPOL and the IBC Code
Not Applicable

SECTION 15: Regulatory information
Safety, health and environmental regulations specific for the product in question

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Status</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>(EC) No 1907/2006 Authorisation</td>
<td>Not regulated</td>
<td></td>
</tr>
<tr>
<td>(EC) No 1907/2006 Restriction</td>
<td>Not regulated</td>
<td></td>
</tr>
<tr>
<td>(EC) No 1005/2009</td>
<td>Not regulated</td>
<td></td>
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<tr>
<td>(EC) No 850/2004</td>
<td>Not regulated</td>
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</tr>
<tr>
<td>(EU) No 649/2012</td>
<td>Not regulated</td>
<td></td>
</tr>
<tr>
<td>Australia Information</td>
<td>Not classified as hazardous according to criteria of Work Health and Safety Regulations 2011.</td>
<td></td>
</tr>
</tbody>
</table>

Other Information

None

SECTION 16: Other information

Key literature references and sources for data
- U.S. Department of Labor, 29CFR Part 1910
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices

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
- OSHA PEL: PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration (USA)
- ACGIH TLV: TLV(Threshold Limit Value) under American Conference of Governmental Industrial Hygienists
- 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

Issuing date : 14-May-2019

Revision date : -

Revision Note : None

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.