

**SECTION 1: Product and company identification****Product identifier**

**Product name** Canon Toner T04L Magenta  
**Product code(s)** 4614C001  
**Use** Toner for electrophotographic machines

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

Canon USA, Inc.  
One Canon Park, Melville, NY 11747, USA  
Phone number : 1-800-OK-CANON  
Emergency phone number : 24 Hr. Emergency CHEMTREC # 1-800-424-9300

Canon Canada Inc.  
8000 Mississauga Road, Brampton, Ontario L6Y 5Z7, Canada  
Phone number : (1) 905-863-8000  
Emergency phone number : 24 Hr. Emergency CHEMTREC # 1-800-424-9300

**Manufacturer**

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

**SECTION 2: Hazards identification****Emergency overview**

Magenta fine powder, slight plastic odor.

**Classification under OSHA HCS**

Not classified

**US Label elements under OSHA HCS****Symbol**

Not required

**Signal word**

Not required

**Hazard statements**

Not required

**Precautionary statements**

Not required

**Other information**

None

**Other hazards which do not result in classification**

None

**SECTION 3: Composition/information on ingredients**

| Chemical name              | CAS-No    | Weight % |
|----------------------------|-----------|----------|
| Styrene acrylate copolymer | CBI       | 75 - 85  |
| Wax                        | CBI       | 5 - 10   |
| Pigment                    | CBI       | 5 - 10   |
| Amorphous silica           | 7631-86-9 | 1 - 3    |

**SECTION 4: First aid measures****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.                         |

**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.                  |

**Indication of any immediate medical attention and special treatment needed**

None

**SECTION 5: Firefighting measures****Extinguishing media****Suitable extinguishing media**Use CO<sub>2</sub>, 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 (CO<sub>2</sub>), Carbon monoxide (CO)

**Advice for firefighters****Special protective equipment for firefighters**

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.

**SECTION 8: Exposure controls/personal protection****Exposure guidelines**

| Chemical name                 | OSHA PEL                                                           | ACGIH TLV |
|-------------------------------|--------------------------------------------------------------------|-----------|
| Amorphous silica<br>7631-86-9 | TWA: 20 mppcf<br>: (80)/(%) SiO <sub>2</sub> mg/m <sup>3</sup> TWA | None      |

**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. |

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties**

|                       |                   |
|-----------------------|-------------------|
| <b>Appearance</b>     | Magenta ; powder  |
| <b>Odor</b>           | Slight odor       |
| <b>Odor threshold</b> | No data available |
| <b>pH</b>             | Not applicable    |

|                                        |                                 |
|----------------------------------------|---------------------------------|
| Melting/freezing point (°C)            | 80 - 130 (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 - 1.2                       |
| Solubility(ies)                        | Organic solvent; partly soluble |
| Partition coefficient: n-octanol/water | Not applicable                  |
| Auto-ignition temperature (°C)         | No data available               |
| Decomposition temperature (°C)         | > 200                           |
| Viscosity (mPa s)                      | Not applicable                  |

**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 (CO<sub>2</sub>), Carbon monoxide (CO)**SECTION 11: Toxicological information****Information on toxicological effects**

|                                   |                                                          |
|-----------------------------------|----------------------------------------------------------|
| 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            |

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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

### Toxicity

#### **Ecotoxicity effects**

Fish, 96h LC50 > 100 mg/l

Crustaceans, 48h EC50 > 100 mg/l

Algae, ErC50(0-72h) > 100 mg/l

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### 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

|                                                                           |                                                                                                              |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| <u>Transport hazard class</u>                                             | None                                                                                                         |
| <u>Packing group</u>                                                      | None                                                                                                         |
| <u>Environmental hazards</u>                                              | Not classified as environmentally hazardous under UN Model Regulations and marine pollutant under IMDG Code. |
| <u>Special precautions for users</u>                                      | IATA: Not regulated                                                                                          |
| <u>Transport in bulk according to Annex II of MARPOL and the IBC Code</u> | Not applicable                                                                                               |

## SECTION 15: Regulatory information

### Safety, health and environmental regulations specific for the product in question

|                           |                             |
|---------------------------|-----------------------------|
| TSCA Sec. 4,5,6,7,8,12b   | None                        |
| SARA Title III Sec. 313   | None                        |
| California Proposition 65 | None                        |
| CEPA Sec. 81              | None (Manufactured Item)    |
| HPA (WHMIS)               | None (Manufactured Article) |
| Other information         | None                        |

## SECTION 16: Other information

### **Key literature references and sources for data**

- U.S. Department of Labor, 29CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- U.S. Environmental Protection Agency, 40CFR Part 700-799
- U.S. Consumer Product Safety Commission, 16CFR Part 1500
- ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
- U.S. Department of Health and Human Services National Toxicology Program, Annual Report on Carcinogens
- World Health Organization International Agency for Research on Cancer, IARC Monographs on the Evaluation on the Carcinogenic Risk of Chemicals to Humans
- California EPA, Code of Regulations Title 27. Division 4. Chapter 1. Safe Drinking Water and Toxic Enforcement Act of 1986
- Environment and Climate Change Canada, Canadian Environmental Protection Act, 1999
- Health Canada, Hazardous Products Act, and Hazardous Products Regulations
- Canada Workplace Hazardous Materials Information System

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

- OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA)
- FHSA: Federal Hazardous Substances Act
- 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
- TSCA: Toxic Substances Control Act
- SARA Title III: SARA Title III of the Superfund Amendments and Reauthorization Act of 1986
- Proposition 65: Safe Drinking Water and Toxic Enforcement Act of 1986
- CEPA: Canadian Environmental Protection Act, 1999
- HPA: Hazardous Products Act
- WHMIS: Workplace Hazardous Materials Information System
- CBI: Confidential Business Information

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**Revision note** None

**Disclaimer**

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