

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product Name: Canon C-EXV 35/36 Drum
Product Code: 3765B / F44-0701
Company Name: Canon Inc.
Address: 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146-8501, Japan
Use of the Product: Drum for electrophotographic apparatus

SECTION 2 HAZARDS IDENTIFICATION

EU Classification: Not applicable
Emergency Overview: Black aluminum cylinder, no odor.

Potential Health Effects and Symptoms:

Inhalation:
Not applicable

Ingestion:
Not applicable

Eye:
Not applicable

Skin:
May be non-irritant.

Chronic Effects:
Not identified

Medical Conditions Generally known to be Aggravated by Exposure:
Not identified

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

< **Ingredient(s)** >

Chemical Name / Generic Name	CAS # / EC #	Weight %	EU Symbol/ R-Phrase	USA OSHA PEL	ACGIH TLV	EU ILV	DFG MAK
Aluminum alloy	Confidential	> 99.0	Not Not applica appli ble/ cable	Not applicable	Not applicable	Not applicable	Not applicable
Hydrogenated silicon	Confidential	< 1.0	Not Not applica appli ble/ cable	Not applicable	Not applicable	Not applicable	Not applicable

< **Carcinogen** >

No component of this drum is listed as a human carcinogen or a potential carcinogen in IARC Monographs, NTP, OSHA regulations or Part 3 of Annex VI to Regulation (EC) 1272/2008.

< **PBT substance and vPvB substance** >

No component of this toner is a PBT or vPvB substance under Regulation (EC) No 1907/2006.

SECTION 4 FIRST AID MEASURES

First Aid Measures:

Inhalation:

Not applicable

Ingestion:

Not applicable

Eye:

Not applicable

Skin:

Wash with soap and water. If irritation persists, obtain medical advice.

Note to Physicians:

None

SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures:

Extinguishing Media:

CO2, dry chemicals, foam or water

Unsuitable Extinguishing Media:

None

Special Fire Fighting Procedures:

None

Unusual Fire and Explosion Hazards:

None

Fire and Explosive Properties (See also SECTION 9):

Hazardous Combustion Products:

None

Other Properties:

None

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Not applicable

Environmental Precautions:

Not applicable

Method for Cleaning Up:

Not applicable

SECTION 7 HANDLING AND STORAGE

Handling:

None of safe handling advice

Storage:

Keep at temperature not exceeding 50 °C.

Specific Uses:

Drum for electrophotographic apparatus.

For more information, please refer to the instruction of this product.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:

None

Engineering Controls:

Not required

Personal Protection Equipment(s):

- Respiratory Protection:** Required
 Not Required
- Eye/Face Protection:** Required
 Not Required
- Skin Protection:** Required
 Not Required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Black aluminum cylinder.
- Odor:** No odor
- pH:** Not applicable
- Boiling Point/Range(°C):** Not applicable
- Melting Point/Range(°C):** Not available
- Decomposition Temperature(°C):** Not available
- Flash Point(°C):** Not applicable
- Flammable (Explosive) Limits:** Not applicable
- Autoignition Temperature(°C):** Not applicable
- Flammability:** Not flammable
- Explosive Properties:** None
- Oxidizing Properties:** None
- Vapor Pressure:** Negligible
- Vapor Density:** Not applicable
- Density / Specific Gravity:** Not available
- Water Solubility:** Not soluble
- Fat Solubility:** Not soluble
- Partition Coefficient (n-Octanol/Water):** Not soluble in water and n-octanol
- Percent Volatile:** Negligible
- Evaporation Rate:** Not applicable
- Viscosity (mPa s):** Not applicable

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable
 Unstable

Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: None

Hazardous Polymerization: May Occur
 Will Not Occur

Conditions to Avoid: None

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Inhalation:
Not available

Ingestion:
Not available

Eye:
Not available

Skin:
Not available

Sensitization:
Not available

Mutagenicity:
Coating layer: Ames Test (S. typhimurium, E. coli): Negative (Estimate)

Reproductive Toxicity:
Not available

Carcinogenicity:
Not available

Others:
Not available

SECTION 12 ECOLOGICAL INFORMATION

Mobility: Not available

Persistence / Degradability: Not available

Bioaccumulation: Not available

Ecotoxicity: Not available

Other Adverse Effects: Not available

SECTION 13 DISPOSAL CONSIDERATIONS

Method of Disposal:
Disposal should be subject to federal, state and local laws.

SECTION 14 TRANSPORT INFORMATION

UN #: None

UN Shipping Name: None

UN Classification: None

UN Packing Group: None

Marine Pollutant: Yes No Chemical name (wt%):

Special Precautions: None

SECTION 15 REGULATORY INFORMATION

< EU Information >

Information on the Label:

Symbol & Indication: Not applicable

R-Phrase:
Not applicable

S-Phrase:
Not applicable

Dangerous Component(s):
Not applicable

Special Precautions under 1999/45/EC Annex V:
Not applicable

Specific Provisions in Relation to Protection of Man or the Environment:

(EC) No 1907/2006 Annex XVII (Restrictions):
Not regulated

(EC) No 2037/2000:
Not regulated

(EC) No 689/2008:
Not regulated

Others: None

< USA Information >

Information on the Label under OSHA:

Signal Word: Not applicable

Hazard warning:
Not applicable

Safety Advice:
Not applicable

Hazardous Component(s):
Not applicable

SARA Title III §313:

<u>Chemical Name</u>	<u>Weight %</u>
<u>Not applicable</u>	

California Proposition 65:

<u>Chemical Name</u>	<u>Weight %</u>
<u>None</u>	

< Canada Information >

WHMIS Controlled Product: Not applicable

< Australia Information >

Statement of Hazardous Nature: Not applicable

SECTION 16 OTHER INFORMATION

Estimate: Estimate based on test data on similar toner/developer/drum and/or the raw materials of this product.

Literature References:

- U.S. Department of Labor, 29CFR Part 1910
- U.S. Environmental Protection Agency, 40CFR Part 372
- 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
- DFG, List of MAK and BAT Values
- EU Directive (EC) No 1907/2006 Annex XVII (Restrictions), 1999/45/EC
- EU Regulation (EC) No 2037/2000, (EC) No 689/2008, (EC) No 1907/2006, (EC) No 1272/2008
- Canada Workplace Hazardous Materials Information System
- Australia National Occupational Health and Safety Commission's Approved Criteria for Classifying Hazardous Substances[NOHSC:1008]

Abbreviations:

- EU: European Union.
- 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.
- EU ILV: Indicative Limit Values for Occupational Exposure under EU Directive 91/322/EEC, 2000/39/EC and 2006/15/EC.
- DFG MAK: MAK(Maximale Arbeitsplatz-Konzentration) under Deutsche Forschungsgemeinschaft.
- TWA: Time Weighted Average.
- STEL: Short Term Exposure Limit.
- IARC: International Agency for Research on Cancer.
- NTP: National Toxicology Program (USA).
- OSHA HCS: Occupational Safety and Health Act, Hazard Communication Standard (USA).
- FHSA: Federal Hazardous Substances Act (USA).
- WHMIS: Workplace Hazardous Materials Information System.
- NOHSC: National Occupational Health and Safety Commission.
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative

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