

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

**Product Name:** Canon GPR-32/33 Black Drum  
**Product Code:** 2780B  
**Manufacturer:** Canon Inc.,30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo, Japan, Ph# 03-3758-2111.  
**Supplier:** Canon USA Inc. One Canon Park, Melville, NY 11747, USA  
**Phone #:** 1-800-OK-CANON 24Hr. Emergency CHEMTREC# 1-800-424-9300

**SECTION 2 HAZARDS IDENTIFICATION**

**EU Classification:**  
 Not applicable

**Emergency Overview:**  
 Viridian 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	95.0-99.0	Not applicable/	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Titanium dioxide	13463-67-7/ 236-675-5	0.1-1.0	Not applicable/	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Polycarbonate resin	Confidential	0.1-1.0	Not applicable/	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Arylamine derivative	Confidential	0.1-1.0	Not applicable/	Not applicable	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 Annex I to Directive 67/548/EEC.

< **PBT substance and vPvB substance** >  
 Not applicable

**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:**

CO<sub>2</sub>, dry chemicals, foam, 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:**

CO, CO<sub>2</sub>, NO<sub>x</sub>

**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 45°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:** Viridian aluminum cylinder
- Odor:** No odor
- pH:** Not applicable
- Boiling Point/Range(°C):** Not applicable
- Melting Point/Range(°C):** > 100
- 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:** Partially soluble in ketones, esters and aromatic solvents.
- 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:** CO, CO2, NOx
- 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

**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:**

Dispose under conditions which meet all 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:**

**Signal Word:** Not applicable

**Hazard warning:**  
Not applicable

**Safety Advice:**  
Not applicable

**Hazardous Component(s):**  
Not applicable

**SARA Title III §313:**

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

**California Proposition 65:**

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

**< Canada Information >**

**WHMIS Controlled product:** Not applicable

**< Australia Information >**

**Statement of Hazardous Nature:** Not applicable

**SECTION 16 OTHER INFORMATION**

None

**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 67/548/EEC, 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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