

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

Product Name: Canon GPR-32/33 Color Drum Unit
Product Code: 2781B
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	90.0-99.0	Not applicable/	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Titanium dioxide	13463-67-7/ 236-675-5	0.1-5.0	Not applicable/	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Polycarbonate resin	Confidential	0.1-5.0	Not applicable/	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Arylamine derivative	Confidential	0.1-5.0	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 Part 3 of Annex VI to Regulation (EC) No 1272/2008.

< **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:

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:

CO, CO2, NOx

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:

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:

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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