## SECTION 1  IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<table>
<thead>
<tr>
<th>Product Code:</th>
<th>0385B / F48-0039</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name:</td>
<td>Canon GPR-18 Drum Unit</td>
</tr>
<tr>
<td>Manufacturer:</td>
<td>Canon Inc., 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo, Japan, Ph# 03-3758-2111</td>
</tr>
<tr>
<td>Supplier:</td>
<td>Canon, USA, Inc., One Canon Park, Melville, NY 11747, USA</td>
</tr>
<tr>
<td>Phone #:</td>
<td>1-800-OK-CANON 24 Hr. Emergency CHEMTREC # 1-800-424-9300</td>
</tr>
</tbody>
</table>

## SECTION 2  COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name / Generic Name</th>
<th>CAS # / EC #</th>
<th>Weight %</th>
<th>EU Symbol</th>
<th>R-Phrase</th>
<th>USA OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EU ILV</th>
<th>DFG MAK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum alloy</td>
<td>Confidential</td>
<td>95.0-98.0</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7/236-675-5</td>
<td>0.2-1.0</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Polycarbonate resin</td>
<td>Confidential</td>
<td>0.2-1.2</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Aroyl amine derivative</td>
<td>Confidential</td>
<td>0.2-1.0</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

## SECTION 3  HAZARDS IDENTIFICATION

### Emergency Overview:
Greenish blue 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 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.

Date of Issue:    July 13, 2005

Revised:
SECTION 8  EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:
None

Engineering Controls:
Not required

Personal Protection Equipment(s):
Respiratory Protection:  ☑ Not Required
Eye/Face Protection:  ☑ Not Required
Skin Protection:  ☑ Not Required

SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Greenish blue 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:

<table>
<thead>
<tr>
<th>Inhalation:</th>
<th>Not available</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion:</td>
<td>Not available.</td>
</tr>
<tr>
<td>Eye:</td>
<td>Not available</td>
</tr>
<tr>
<td>Skin:</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Sensitization:

| Not available |

Mutagenicity:

| Estimate: Coating layer: Ames Test (S. typhimurium): 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 | Chemical name (wt%): |

Special Precautions:

| None |
SECTION 15  REGULATORY 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:

76/769/EEC:  Not regulated
(EC)2037/2000:  Not regulated
(EC)304/2003:  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 %
Not applicable

California Proposition 65:
Chemical Name  Weight %
None

< Canada Information >

WHMIS Controlled product:  Not applicable

< Australia Information >

Statement of Hazardous Nature:  Not applicable

Date of Issue:  July 13, 2005
Revised:
SECTION 16 OTHER INFORMATION

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

Literature Reference:
- 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
- DFG, List of MAK and BAT Values
- Canada Workplace Hazardous Materials Information System
- Australia National Occupational Health and Safety Commission's Approved Criteria for Classifying Hazardous Substances

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.
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).

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