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

Product Name: Canon C-EXV3 Drum Unit

Product Code: 6648A

Company Name: Canon Europa N.V.

Address: Bovenkerkerweg 59-61, 1185 XB, Amstelveen, The Netherlands

Phone #: 03-3758-2111

MSDS #: DR0087-0105

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)

Chemical Name	CAS #	Weight %	EU Symbol	EU R-Phrase
Not applicable				

Chemical Name	USA OSHA PEL	ACGIH TLV
Not applicable		

Chemical Name	EU ILV	DFG MAK
Not applicable		

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS - Continued

Carcinogen

Chemical Name	CAS #	Reference
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No components of this drum is listed as human carcinogen or potential carcinogen in IARC Monographs, NTP, OSHA regulation or Annex I to Directive 67/548/EEC.

Other Ingredient(s)

Chemical/Generic Name	Weight %
Aluminum alloy	95.0 - 98.0
Titanium dioxide(CAS No. 13463-67-7)	0.5 - 2.0
Polycarbonate resin	0.5 - 2.0
Aryl amine derivative	0.3 - 0.8

SECTION 3 HAZARDS IDENTIFICATION

Emergency Overview: Light gray aluminum cylinder. No odor.

Potential Health Effects and Symptoms:

Inhalation: Not applicable.

Ingestion: Not applicable.

Eye: Not applicable.

Skin: May be no 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 waterUnsuitable
Extinguishing Media: NoneSpecial Fire
Fighting Procedures: NoneUnusual Fire and
Explosion Hazards: None

Fire and Explosive Properties:

Flash Point(°C): Not applicable

Flammable(Explosive)
Limits: Not applicableAutoignition
Temperature(°C): Not applicable

Flammability: Not flammable

SECTION 5 FIRE FIGHTING MEASURES - Continued

Fire and Explosive Properties - Continued:

Autoflammability: None

Explosive Properties: None

Oxidizing Properties: None

Hazardous Combustion Products: CO, CO₂, NO_x

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.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: None

Engineering Controls: Not required

Personal Protection Equipment(s):

Respiratory Protection: Required Not RequiredEye/Face Protection: Required Not RequiredSkin Protection: Required Not Required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Light gray 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
Autoflammability:	None
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

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable Unstable
Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: CO, CO₂, NO_x

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) : Negative

Reproductive Toxicity: Not available.

SECTION 11 TOXICOLOGICAL INFORMATION - Continued

Carcinogenicity: Not available.

Others: None

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 CONSIDERATION

Method of Disposal: Dispose under conditions which meet all federal, state and local regulations.

SECTION 14 TRANSPORT INFORMATION

UN #: None

UN Shipping Name: None

UN Classification: None

UN Packing Group: None

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

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

76/769/EEC: Not regulated

(EC)2037/2000: Not regulated

(EEC)2455/92: 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

SECTION 16 OTHER INFORMATION

Other Information:

None

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
- 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 76/769/EEC, 67/548/EEC, 88/379/EEC
- EU Regulation (EC)2037/2000, (EEC)2455/92

Abbreviations:

- "EU" stands for European Union.
- "OSHA PEL" stands for PEL(Permissible Exposure Limit) under Occupational Safety and Health Administration.
- "ACGIH TLV" stands for TLV(Threshold Limit Value) under American Conference of Governmental Industrial Hygienists.
- "EU ILV" stands for Indicative Limit Values for Occupational Exposure under EU Directive 91/322/EEC and 2000/39/EC.
- "DFG MAK" stands for MAK(Maximale Arbeitsplatzkonzentrationen) under Deutsche Forschungsgemeinschaft.
- "TWA" stands for Time Weighted Average.
- "IARC" stands for International Agency for Research on Cancer.
- "NTP" stands for National Toxicology Program (USA).
- "OSHA HCS" stands for Occupational Safety and Health Act, Hazard Communication Standard.
- "FHSA" stands for Federal Hazardous Substances Act.

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