

MATERIAL SAFETY DATA SHEET

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

Product Name: Easy Photo Pack E-P50, E-P100, E-L50, E-L100, E-C25, E-C25L, E-P10, E-P5
Product Code: 1247B / C86-1065, 1335B / C86-1065, 1248B / C86-1066, 1336B / C86-1066, 1249B / C86-1067, 1250B / C86-1068, C86-1070, C86-1138
Company Name: Canon Inc.
Address: 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo 146-8501, Japan
Use of the Product: Ink film for Compact Photo Printer

Supplier: Canon Singapore Pte Ltd
 1 HarbourFront Avenue,
 #04-01, Keppel Bay Tower,
 Singapore 098632
 cspl_msdsg@canon.com.sg

SECTION 2 HAZARDS IDENTIFICATION

EU Classification:
 Not classified as dangerous.

Emergency Overview:
 Ink film incorporated in a cartridge. Odorless.

Potential Health Effects and Symptoms:

Inhalation:
 No adverse effects are expected under intended use.

Ingestion:
 There are no data that show adverse effect. (See SECTION 11)

Eye:
 Not known

Skin:
 No irritation is expected. (See SECTION 11)

Chronic Effects:
 Not known

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

MATERIAL SAFETY DATA SHEET

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 |
|---------------------------------|-----------------|-------------|------------------------|-----------------|-----------------|-----------------|-----------------|
| <Ingredients of Ink film> | | | | | | | |
| Quinophthalone dye | Confidential | 10 - 15 | None / R53 | Not established | Not established | Not established | Not established |
| Azo methine dye | Confidential | 1 - 5 | N / R50/53 | Not established | Not established | Not established | Not established |
| Indoanyline dye | Confidential | 5 - 10 | None / R53 | Not established | Not established | Not established | Not established |

< Carcinogen >

No component of this ink 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 >

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

MATERIAL SAFETY DATA SHEET

SECTION 4 FIRST AID MEASURES

First Aid Measures:

Inhalation:

If symptoms are experienced, move victim to fresh air and obtain medical advice.

Ingestion:

Rinse mouth with plenty of water.

If irritation or discomfort occurs, obtain medical advice immediately.

Eye:

Do not rub eyes. Immediately flush with large amount of clean, warm water(low pressure) for at least 5 minutes or until the chemical is removed. If irritation persists, obtain medical advice immediately.

Skin:

Wash with water and soap or mild detergent.

If irritation persists, obtain medical advice.

Note to Physicians:

None

SECTION 5 FIRE FIGHTING MEASURES

Fire Fighting Measures:

Extinguishing Media:

CO₂, water, foam or dry chemicals

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 and SOx

Other Properties:

None

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin, eyes and clothing.

Environmental Precautions:

Do not release to sewer, surface water or ground water.

Method for Cleaning Up:

Vacuum or sweep up materials.

SECTION 7 HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing.

In case of contact, wash out the contaminated area immediately.

Storage:

Keep in a cool and dry place. Protect from sunlight.

Keep away from heat and flame.

Keep out of the reach of children.

Specific Uses:

Ink film for Compact Photo Printer

MATERIAL SAFETY DATA SHEET

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: Not established for this ink. (See also SECTION 3)

Engineering Controls: Use adequate ventilation.

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: Polyethylene terephthalate film coated with four color inks.

Odor: Odorless

pH: Not available

Boiling Point/Range(°C): Not available

Melting Point/Range(°C): Not available

Decomposition Temperature(°C): Not available

Flash Point(°C): Not available

Flammable (Explosive) Limits: Not available

Autoignition Temperature(°C): Not available

Flammability: Not available

Explosive Properties: Not available

Oxidizing Properties: Not available

Vapor Pressure : Not available

Vapor Density : Not available

Density / Specific Gravity: Not available

Water Solubility : Insoluble

Fat Solubility : Not available

Partition Coefficient (n-Octanol/Water): Not available

Percent Volatile (%): Not available

Evaporation Rate: Not available

Viscosity (mPa s): Not available

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable Unstable

Conditions to Avoid: None

Materials to Avoid: None

Hazardous Decomposition Products: CO, CO₂, NO_x and SO_x

Hazardous Polymerization: May Occur Will Not Occur

Conditions to Avoid: None

MATERIAL SAFETY DATA SHEET

SECTION 11 TOXICOLOGICAL INFORMATION**Acute Toxicity:****Inhalation:**Not available

Ingestion:LD₅₀ > 2000 mg/kg (rat)OECD Guidelines No.401 (1987), 92/69/EEC Method B1

Eye:Not available

Skin:

Non-irritant (rabbit)

OECD Guidelines No.404 (1992), 92/69/EEC Method B4

Sensitization:Not available

Mutagenicity:Negative (*S. typhimurium* & *E. Coli*)

Reproductive Toxicity:Not available

Carcinogenicity:Not available

Others:Not available

MATERIAL SAFETY DATA SHEET

SECTION 12 ECOLOGICAL INFORMATION

Mobility: Not available

Persistence / Degradability: Not available

Bioaccumulation: Not available

Ecotoxicity: Azo methine dye:
Alga, Growth inhibition test: 72h LC₅₀ 0.25mg/l
OECD Guidelines No.201 (1984), 92/69/EEC Method C.3
Cyan, Magenta, Yellow and Over Protect Part:
Freshwater Alga and Cyanobacteria, Growth inhibition test: No toxic effects at saturation
OECD Guidelines No.201 (2006), 92/69/EEC Method C.3

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 required

R-Phrase:
Not required

S-Phrase:
Not required

Dangerous Component(s):
Not required

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

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

76/769/EEC: Not regulated

(EC)2037/2000: Not regulated

(EC)689/2008: Not regulated

Others: None

MATERIAL SAFETY DATA SHEET

< USA Information >

Information on the Label under FHSA:**Signal Word:** Not required**Hazard warning:**
Not required**Safety Advice:**
Not required**Hazardous Component(s):**
Not required**SARA Title III §313:**

| Chemical Name | Weight % |
|----------------------|-----------------|
| None | |

California Proposition 65:

| Chemical Name | Weight % |
|----------------------|-----------------|
| None | |

< Canada Information >

WHMIS Controlled Product: Not applicable (Manufactured article)

< Australia Information >

Statement of Hazardous Nature: Not classified as hazardous according to criteria of NOHSC.

SECTION 16 OTHER INFORMATION

<R phrase list>

R53: May cause long-term adverse effects in the aquatic environment.

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

MATERIAL SAFETY DATA SHEET

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 76/769/EEC, 67/548/EEC, 1999/45/EC
- EU Regulation (EC)2037/2000, (EC)689/2008, (EC)1907/2006
- 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

The information, data and recommendations set forth herein (the "Information") are presented in good faith and are believed to be correct as of the date hereof. The company/manufacturer makes no representations as to the completeness or accuracy of the Information and disclaims responsibility for any reliance thereon. The Information is provided upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. Any use of the Information must be determined by the user to be in accordance with applicable Federal, state and local laws and regulations. In no event will the company/manufacturer be responsible for damages of any nature whatsoever resulting from the use or reliance upon the Information.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE WITH RESPECT TO THE INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION REFERS.