

**MATERIAL SAFETY DATA SHEET****SECTION 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product Name:** Easy Photo Pack E-P25BW**Product Code:** 1251B / C86-1069**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_msds@canon.com.sg
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**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:**

Not known

**Eye:**

Not known

**Skin:**

Not known

**Chronic Effects:**

Not known

**Medical Conditions Generally known to be Aggravated by Exposure:**

Not known

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**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>							
Pyrazolone dye	Confidential	1 - 5	None / R53	Not established	Not established	Not established	Not established
Imidazole dye	Confidential	1 - 5	None / R53	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.

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**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:**

CO<sub>2</sub>, 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, CO<sub>2</sub>, 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

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**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 two 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, CO<sub>2</sub>, NO<sub>x</sub> and SO<sub>x</sub>

**Hazardous Polymerization:**  May Occur  Will Not Occur

**Conditions to Avoid:** None

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**SECTION 11 TOXICOLOGICAL INFORMATION**

**Acute Toxicity:**

**Inhalation:**

Not available

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**Ingestion:**

Not available

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**Eye:**

Not available

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**Skin:**

Not available

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**Sensitization:**

Not available

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**Mutagenicity:**

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

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**Reproductive Toxicity:**

Not available

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**Carcinogenicity:**

Not available

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**Others:**

Not available

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**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 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

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## &lt; USA Information &gt;

**Information on the Label under FHSA:****Signal Word:** Not required

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**Hazard warning:**  
Not required

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**Safety Advice:**  
Not required

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

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**SARA Title III §313:**

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

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**California Proposition 65:**

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

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## &lt; Canada Information &gt;

**WHMIS Controlled Product:** Not applicable (Manufactured article)

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## &lt; Australia Information &gt;

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

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**SECTION 16 OTHER INFORMATION**

&lt;R phrase list&gt;

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

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**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

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