MSDS #: IR1005-0203

MATERIAL SAFETY DATA SHEET

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

Product Name: COLOR INK / PAPER SET KP-36IP, KP-72IP, KP-108IP, KP-72IN, KP-108IN, KL-36IP, KL-36IP 3PACK, KC-36IP, KW-24IP,
COLOR INK / LABEL SET KC-18IL,
COLOR INK / FULL-SIZED LABEL SET KC-18IF,
COLOR INK CASSETTE (Trial for 5 Sheets, 4x6 in size), (Trial for 5 Sheets, L size)

Product Code: 7737A / C86-1024, 0807B / C86-1059, 9585A / C86-1046, 3114B / C86-1132, 3115B / C86-1131, 7738A / C86-1025, 0702B / C86-1055, 7739A / C86-1026, 9401A / C86-1043, 7740A / C86-1028, 7741A / C86-1027, C86-1020 , C86-1022

Manufacturer: Canon Inc., 30-2, Shimomaruko 3-Chome, Ohta-ku, Tokyo, Japan, PH #03-3758-2111

Supplier: Canon U.S.A., Inc., One Canon Plaza, Lake Success, NY, 11042, USA

Phone #: 1-800-OK-CANON 24 Hr. Emergency CHEMTREC # 1-800-424-9300

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

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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>							
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.

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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:

CO_2, 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_2, 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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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, CO_2, NOx and SOx

Hazardous Polymerization: ☐ May Occur ☒ Will Not Occur

Conditions to Avoid: None

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MATERIAL SAFETY DATA SHEET

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Toxicity:

Inhalation:

Not available

Ingestion:

LD_{50} > 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

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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 LC_{50} 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

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MATERIAL SAFETY DATA SHEET

< USA Information >

Information on the Labelunder 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.

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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

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