

**Canon**

## MATERIAL SAFETY DATA SHEETS

Canon U.S.A., Inc.  
 One Canon Plaza  
 Lake Success, NY 11042  
 Telephone: 516-328-5600

24 hr. Emergency Contact  
 CHEMTREC: 800-424-9300

Date of preparation: 2/92  
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SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION1.1 IDENTIFICATION OF THE SUBSTANCE OF PREPARATION

Product Name: BC-40 Ink Cartridge Black  
 ITEM No.(s): F45-0141-400, F45-0141-450  
 DESCRIPTION: Liquid Ink Mixture for CJ7/CJ10

\*\* INK IS NOT ACCESSIBLE UNLESS CARTRIDGE IS FORCED OR BROKEN. \*\*

1.2 COMPANY/UNDERTAKING IDENTIFICATION

Manufacturer: Canon Inc, Tokyo Japan  
 30-2, Shimomaruko 3-Chome, Ohta-Ku  
 Tokyo Japan  
 Phone: 03-3758-2111

Supplier: Canon USA, Inc.  
 One Canon Plaza  
 Lake Success, NY 11042  
 Phone: (516) 328-5600

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Weight %	(CAS Registry No.)	Component
4 - 9	(0000056-81-5)	Glycerin
2 - 5	(0000067-63-0)	Isopropyl Alcohol
65 - 83	(0007732-18-5)	Water
4 - 9	(-----)	Water-Soluble Organic Compound
4 - 9	(-----)	Water-Soluble Organic Solvent

\*\*See SECTION 8 for Exposure Information.

Manufacturer contact states all other information is proprietary.

SECTION 3. HAZARDS IDENTIFICATION \*\*\* EMERGENCY OVERVIEW \*\*\*

\*\* Low Hazard For Recommended Handling. \*\*  
 NFPA RATING: Health = 0, Flammability = 0, Reactivity = 0  
 HMIS RATING: Health = 1, Flammability = 0, Reactivity = 0

Note: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

SECTION 4. FIRST-AID MEASURES

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Eyes: Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

Skin: Wash with soap and water. Get medical attention if symptoms occur.

Ingestion: Drink 1-2 glasses of water. Seek medical attention.

**Canon****SECTION 5. FIRE FIGHTING MEASURES**

Flash Point (Method Used):	No Data Available
Ignition Temperature:	No Data Available
Flammability:	May be classified as combustible liquid under OSHA-HCS(USA)
Flammable Limits:	No Data Available
Extinguishing Media:	CO <sub>2</sub> , Water or Dry Chemical
Special Fire Fighting Procedures:	None
Hazardous Combustion Products:	CO, CO <sub>2</sub> , NO <sub>x</sub> , SO <sub>x</sub>
Unusual Fire and Explosion Hazards:	None

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Avoid contact with eyes & skin. Recommended to keep away from drains, surface & ground water. Wipe off with wet cloth or paper.

**SECTION 7. HANDLING AND STORAGE**

Handling: Avoid contact with hands, eyes, & clothing and when contact, wash out immediately.

Storage: Keep out of the reach of children.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Limits:**

Isopropyl Alcohol	OSHA (TWA/PEL):	980mg/m <sup>3</sup>	400ppm
	ACGIH (STEL):	1230mg/m <sup>3</sup>	500ppm
	(TWA/TLV):	983mg/m <sup>3</sup>	400ppm
Glycerin	OSHA (TWA/PEL):	15mg/m <sup>3</sup> (As Mist) (Total Dust)	5mg/m <sup>3</sup> (Respirable Fraction)
	ACGIH (TWA/TLV):	10mg/m <sup>3</sup> (As Mist) (Total Dust)	

Ventilation: Good ventilation (typically 4-6 room volumes per hour) should be used. Ventilation rates should be matched to conditions.

Personal Protection: Good industrial hygiene practice should be followed which includes preventing eye contact, minimizing skin contact, inhalation.

Respiratory Protection: Not required when used in intended fashion.

Eye Protection: Not required when used in intended fashion.

Skin Protection: Not required when used in intended fashion.

Recommended Decontamination

Facilities: Washing facilities

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Black Ink
Odor:	Slight Odor
Specific Gravity: (Water=1):	ND
Vapor Pressure:	ND
Vapor Density (Air=1):	ND
Evaporation Rate (n-Butyl Acetate=1):	ND
Melting Point:	ND
Solubility in Water:	Miscible
Fat Solubility:	ND
pH:	6 - 10
Boiling Point:	ND

**Canon**SECTION 10. STABILITY AND REACTIVITY

Stability: Stable  
 Incompatibility: Strong oxidizing agents.  
 Hazardous Polymerization: Will not occur.  
 Hazardous Decomposition Products: Oxides of carbon, nitrogen or sulfur may form.

SECTION 11. TOXICOLOGICAL INFORMATION

## ACUTE TOXICITY:

INHALATION: No data available.  
 EYE: No data available.  
 SKIN: No data available.  
 INGESTION: No data available.  
 SENSITIZATION: No data available.

Mutagenicity: Test strains S. Typhimurium: Negative

SECTION 12. ECOLOGICAL INFORMATION

This material has not been tested for environmental effects. In a spill situation this material may be visually unpleasant; however, it is not expected to cause any adverse environmental effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Incinerate or landfill, Can be incinerated when in compliance with local regulations. Discharge, treatment, or disposal may be subject to federal, state, or local laws. Empty Ink Cartridge may be disposed of as plastic waste.

SECTION 14. TRANSPORTATION INFORMATION

SHIPPING NAME: Not Regulated  
 HAZARD CLASS: N/A  
 UN No.: N/A

SECTION 15. REGULATORY INFORMATION

- Material(s) known to the State of California to cause cancer: None
- Material(s) known to the State of California to cause adverse reproductive effects: None
- Carcinogenicity Classification (components present at 0.1% or more): None
- International Agency for Research on Cancer (IARC): None
- American Conference of Governmental Industrial Hygienists (ACGIH): None
- National Toxicology Program (NTP): None
- Occupational Safety and Health Administration (OSHA): None
- Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: None
- TSCA STATUS: All chemical ingredients found on TSCA Inventory.
- RCRA STATUS: If discarded in its purchased form, this product would not be a hazardous waste either by listing or characteristic. However, under RCRA, it is the responsibility of the end-user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as hazardous waste.  
40 CFR 261.20-24

**Canon**SECTION 16. OTHER INFORMATION

U.S./Canada Label Statements: LOW HAZARD FOR RECOMMENDED HANDLING

Use with adequate ventilation.

IN CASE OF FIRE: Use Water spray, carbon dioxide (CO<sub>2</sub>), or dry chemical.

IN CASE OF SPILL: Pick up spill with absorbent material. Flush residual spill area with water.

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The information contained herein is furnished without warranty of any kind. Users should consider these data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety and health of employees and customers and the protection of the environment.

PREPARED BY: Environmental Management & Product Safety Dept.

Canon USA, Inc.

TELEPHONE No: 1-800-OK-CANON