



## SAFETY DATA SHEET

<b>SDS Number:</b>	PB 317 REV A PITNEY BOWES, INC.	<b>Effective Date:</b>	August 08, 2012
		<b>Revised Date:</b>	August 25, 2014
<b>Product Name:</b>	ComColor INK Cartridge 1000: Cyan	<b>Page:</b>	2 of 7

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances:

Chemical Name	CAS#	EINECS#	EU Classification (67/548/EEC)	GHS Classification Regulation (EC) No 1272/2008	%
Petroleum Solvent	64742-46-7	265-148-2	Not Applicable	Not Applicable	< 45

See Section 16 for further information on EU and GHS Classification.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of First Aid Measures

**Eyes:** Flush with plenty of running cold water, holding eyelids open to assure thorough rinsing. Get medical attention if irritation develops or persists.

**Skin:** Wash with soap and water. If irritation occurs get medical attention.

**Inhalation:** Not an expected route of entry. If symptoms occur, remove person to fresh air. If irritation or pulmonary symptoms develop, consult a physician.

**Ingestion:** If swallowed, drink 1-2 large glasses of water. DO NOT induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get medical attention.

**Notes to Physicians:** Treat symptomatically.

**4.2 Most Important symptoms and effects, both acute and delayed:** May cause mild eye and skin irritation. Direct contact may stain tissues. Inhalation of heated vapors or mists may cause irritation of mucous membrane or respiratory tract. Swallowing may cause nausea, vomiting, or diarrhea.

**4.3 Indication of any immediate medical attention and special treatment needed:** Immediate medical treatment should not be required.

### SECTION 5: FIRE FIGHTING MEASURES

#### 5.1 Extinguishing Media:

CO<sub>2</sub>, dry chemical, or foam.

#### 5.2 Special Hazards Arising from the Substance or Mixture

**Unusual Fire and Explosion Hazards:** None known. This product will burn under fire containers.

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide with possibly toxic and irritating vapors.

#### 5.3 Advice for Fire-Fighters:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Cool fire exposed containers with water.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

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- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:**  
Avoid contact with eyes, skin and clothing. Ventilate the area.
- 6.2 Environmental Precautions:**  
It is recommended to keep away from drains, surface and groundwater. Report releases as required by local, state and federal authorities.
- 6.3 Methods and Material for Containment and Cleaning Up:**  
Large Spill: Not sold in large quantities.  
Small Spill: Wipe up or soak up any small amounts with an inert absorbent material. Wash residue with detergent and water.
- 6.4 Reference to Other Sections:**  
Refer to Section 8 for protective equipment and Section 13 for disposal considerations.

### SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling:**  
Avoid contact with eyes, skin and clothing. Wash thoroughly after use. Wear protective clothing and equipment as described in Section 8.
- 7.2 Conditions for Safe Storage, Including any Incompatibilities:**  
Keep out of the reach of children. Keep away from flame, and other ignition sources.
- 7.3 Specific end use(s):**  
Ink Cartridge

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control Parameters:**

Chemical Name	Exposure Limits
Petroleum Solvent	5 mg/m <sup>3</sup> OSHA PEL (as oil mist) 5 mg/m <sup>3</sup> ACGIH TLV Inhalable (as mineral oil) 5 mg/m <sup>3</sup> TWA; 10 mg/m <sup>3</sup> STEL – Spain OEL 5 mg/m <sup>3</sup> TWA; 10 mg/m <sup>3</sup> STEL - UK WEL

- 8.2 Exposure Controls:**  
**Engineering Controls:** Use with adequate local exhaust ventilation to maintain exposures below the occupational exposure limits.  
**Respiratory Protection:** None required under normal use conditions. If the exposure limits are exceeded an approved respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.  
**Skin Protection:** None normally required. Avoid skin contact with ink.  
**Eye Protection:** Chemical safety goggles should be worn to where splashing is possible.  
**Other:** None required.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Information on basic Physical and Chemical Properties:**

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<b>Appearance</b> Blue liquid	<b>Vapor Density:</b> Not determined
<b>Odor:</b> Slight petroleum	<b>Specific Gravity:</b> 0.86
<b>Odor Threshold:</b> Not determined	<b>Water Solubility:</b> Negligible
<b>pH:</b> Not determined	<b>Octanol/Water Partition Coefficient:</b> Not determined
<b>Melting Point/Freezing Point:</b> <32°F (< 0°C)	<b>Autoignition Temperature:</b> >392°F (>200°C)
<b>Boiling Point:</b> >392°F (>200°C)	<b>Decomposition Temperature:</b> Not determined
<b>Flash Point:</b> >212°F (>100°C) COC	<b>Viscosity:</b> Not determined
<b>Evaporation Rate:</b> Not determined	<b>Explosion Properties:</b> Not determined
<b>Flammable Limits:</b> LEL: Not determined UEL: Not determined	<b>Oxidizing Properties:</b> No data available
<b>Vapor Pressure:</b> Negligible	<b>VOC:</b> Not determined

**9.2 Other Information:**  
None

### SECTION 10: STABILITY AND REACTIVITY

- 10.1 Reactivity:**  
Not reactive under normal conditions of use.
- 10.2 Chemical Stability:**  
Stable under normal storage and handling conditions.
- 10.3 Possibility of Hazardous Reactions:**  
None known
- 10.4 Conditions to Avoid:**  
Avoid strong oxidizing materials.
- 10.5 Incompatible Materials:**  
Avoid strong oxidizing materials.
- 10.6 Hazardous Decomposition Products:**  
Thermal decomposition may yield Carbon dioxide, carbon monoxide with possibly toxic and irritating vapors.

### SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Information on Toxicological Effects:**  
**Eyes:** May cause mild irritation. Direct contact may stain tissues.  
**Skin:** Prolonged exposure may cause mild skin irritation. Direct contact may stain tissues.  
**Ingestion:** Swallowing may cause nausea, vomiting or diarrhea.  
**Inhalation:** Inhalation under ambient conditions is usually not a problem. IF heated or misted; inhalation may cause mucous membrane or respiratory irritation.

**Acute Toxicity Values:**

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Product: Oral rat LD50 >2500 mg/kg

**Irritation:** May cause mild eye irritation. Prolonged exposure may cause mild skin irritation. Inhalation heated or misted product may cause respiratory irritation.

**Corrosivity:** This is not a corrosive product.

**Sensitization:** This product is not expected to cause sensitization.

**Specific Target Organ Toxicity:**

Single Exposure: None known.

Repeat Exposure: Pre-existing skin disorders may be aggravated by exposure.

**Carcinogen Status:** None of the component of this product are classified as carcinogens by IARC, OSHA, NTP, ACGIH, or the EU Directives.

**Germ Cell Mutagenicity:** This product tested negative in the AMES test for mutagenicity.

**Toxicity for Reproduction** This product is not a reproductive hazard.

<b>SECTION 12: ECOLOGICAL INFORMATION</b>
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**12.1 Toxicity:**

No Data available.

**12.2 Persistence and Degradability:**

No Data available.

**12.3 Bioaccumulative Potential::**

No Data available.

**12.4 Mobility in Soil:**

No Data available.

**12.5 Results of PBT and vPvB Assessment:**

Not required.

**12.6 Other Adverse Effects:**

None Known

<b>SECTION 13: DISPOSAL INFORMATION</b>
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**13.1 Waste Treatment Methods**

Dispose in accordance with local, state or provincial and federal or national regulations.

<b>SECTION 14: TRANSPORT INFORMATION</b>
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	<b>41.1 UN Number</b>	<b>41.2 UN Proper Shipping Name</b>	<b>14.3 Transport Hazard</b>	<b>14.4 Packing Group</b>	<b>14.5 Environmental Hazards</b>

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			<b>Class(s)</b>		
<b>US DOT</b>	None	Not regulated for transport	None	None	No
<b>EU ADR/RID</b>	None	Not regulated for transport	None	None	No
<b>IATA:</b>	None	Not regulated for transport	None	None	No
<b>IMDG</b>	None	Not regulated for transport	None	None	No

**14.6 Special Precautions for User:**  
None

**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:**  
Not applicable

<b>SECTION 15: REGULATORY INFORMATION</b>
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**15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:**

**International Inventories:**

**US EPA TSCA Inventory:** All of the components are listed on the TSCA inventory.

**U.S. REGULATIONS**

**OSHA Hazard Classification:** Hazardous - Exposure limits.

**CERCLA:** Spills of this product must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.

**EPA SARA 311 Hazard Classification:** Acute Health.

**EPA SARA 313:** This product contains the following chemicals that are regulated under SARA Title III, section 313: None

**California Proposition 65:** This product contains the following chemicals which are known to the State of California to cause cancer, reproductive toxicity or birth defects: None.

**INTERNATIONAL REGULATIONS**

**WHMIS Classification:** Not a controlled product.

**German WGK:** Not determined.

**15.2 Chemical Safety Assessment:**  
Not required

<b>SECTION 16: OTHER INFORMATION</b>
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**NFPA Codes:** Health: 0      Fire: 1      Instability: 0  
**HIMS Codes:** Health: 0      Fire: 1      Physical Hazard: 0

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**GHS Phrases for Reference (See Section 2 and 3):**

None.

**EU Classes and Risk Phrases for Reference (See Sections 2 and 3):**

None.

**SDS Prepared By:** Chemical Review Board  
**WHMIS Reviewed** August 25, 2014

**Revision Summary:** Address change.

Emergency spill information number updated in November 2020