## MATERIAL SAFETY DATA SHEET

**Product Name:** Stamp Unit-A1 / Stamp Ink Cartridge-B1 / Stamp Unit-B1 / Stamp Ink Cartridge-C1

**Product Code:** 9011A001(FB5-9410) / 6776A001(F25-7610) / 1858B001(FC7-5465) / 1857B001(F26-7610)

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

**Supplier:** Canon USA Inc., One Canon Plaza, Lake Success, NY, 11042, USA

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

### SECTION 2 HAZARDS IDENTIFICATION

**R36: Irritating to eyes.**

**Emergency Overview:**
Stamp unit / ink cartridge containing pink liquid ink with slight odor.

**Potential Health Effects and Symptoms:**

**Inhalation:**
- No adverse effects are expected under intended use.
- Over exposure to vapor or mist may cause respiratory tract irritation, cough, dizziness, drowsiness, headache and nausea.

**Ingestion:**
- May cause abdominal pain, diarrhea, dizziness, drowsiness, dullness, headache, nausea and vomiting.

**Eye:**
- No adverse effects are expected under intended use of this product.

**Skin:**
- Not identified

**Chronic Effects:**
- Not identified

**Medical Conditions Generally known to be Aggravated by Exposure:**
- Not identified

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**Date of Issue:** February 27, 2001

**Revised:** December 26, 2007
SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name / Generic Name</th>
<th>CAS # / EC #</th>
<th>Weight %</th>
<th>EU Symbol/ R-Phrase</th>
<th>USA OSHA PEL</th>
<th>ACGIH TLV</th>
<th>EU ILV</th>
<th>DFG MAK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vegetable Oil Derivative</td>
<td>Confidential</td>
<td>40 - 50</td>
<td>None / None</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>2-(2-(2-butoxyethoxy)ethoxy)ethanol</td>
<td>143-22-6 / 205-592-6</td>
<td>15 - 25</td>
<td>Xi / R41</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Ester Group</td>
<td>Confidential</td>
<td>15 - 25</td>
<td>None / None</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
<tr>
<td>Synthetic Resin</td>
<td>Confidential</td>
<td>10 - 20</td>
<td>None / None</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
<td>Not established</td>
</tr>
</tbody>
</table>

<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.
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. Give one or two glasses of water.
If irritation or discomfort occurs, obtain medical advice immediately.
Eye:
Immediately flush with lukewarm, gently flowing water for 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, 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
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:
Wipe off with wet cloth or paper.

SECTION 7 HANDLING AND STORAGE
Handling:
Use with adequate ventilation.
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 of heat and flame. Keep out of the reach of children.
Specific Uses:
Stamp Ink.
### SECTION 8  EXPOSURE CONTROLS / PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Exposure Guidelines:</th>
<th>Not established for this ink. (See also SECTION 3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Controls:</td>
<td>Use adequate ventilation</td>
</tr>
<tr>
<td>Personal Protection Equipment(s):</td>
<td></td>
</tr>
<tr>
<td>Respiratory Protection:</td>
<td>☐ Required ☒ Not Required</td>
</tr>
<tr>
<td>Eye/Face Protection:</td>
<td>☐ Required ☒ Not Required</td>
</tr>
<tr>
<td>Skin Protection:</td>
<td>☐ Required ☒ Not Required</td>
</tr>
</tbody>
</table>

### SECTION 9  PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Pink liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Minor solvent odor</td>
</tr>
<tr>
<td>pH:</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point/Range(°C):</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point/Range(°C):</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature(°C):</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point(°C):</td>
<td>161 (Cleveland Open Cup)</td>
</tr>
<tr>
<td>Flammable (Explosive) Limits:</td>
<td>Not available</td>
</tr>
<tr>
<td>Autoignition Temperature(°C):</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability:</td>
<td>Not classified as flammable or combustible under OSHA-HCS, FHSA and 1999/45/EC.</td>
</tr>
</tbody>
</table>

| Explosive Properties: | None |
| Oxidizing Properties: | None |
| Vapor Pressure: | Not available |
| Vapor Density: | Not available |
| Density / Specific Gravity: | 1.0 |
| 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): | 300 |

### SECTION 10  STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Stability:</th>
<th>☒ Stable ☐ Unstable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conditions to Avoid:</td>
<td>None</td>
</tr>
<tr>
<td>Materials to Avoid:</td>
<td>Acids, bases, oxidizing materials and reducing agents</td>
</tr>
<tr>
<td>Hazardous Decomposition Products:</td>
<td>CO, CO₂</td>
</tr>
<tr>
<td>Hazardous Polymerization:</td>
<td>☐ May Occur ☒ Will Not Occur</td>
</tr>
<tr>
<td>Conditions to Avoid:</td>
<td>None</td>
</tr>
</tbody>
</table>

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### SECTION 11  TOXICOLOGICAL INFORMATION

**Acute Toxicity:**

- **Inhalation:** Not available

- **Ingestion:** Not available

- **Eye:** Not available

- **Skin:** Not available

**Sensitization:**
- Not available

**Mutagenicity:**
- Ames test: Negative

**Reproductive Toxicity:**
- Not available

**Carcinogenicity:**
- Not available

**Others:**
- Not available
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  Chemical name (wt%): No
Special Precautions: None

SECTION 15  REGULATORY 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)304/2003: Not regulated
Others: None

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< USA Information >

Information on the Label

Signal Word: Not required

Hazard warning: Not required

Safety Advice: Not required

Hazardous Component(s): None

SARA Title III §313:

<table>
<thead>
<tr>
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<tr>
<td>2-(2-(2-butoxyethoxy)ethoxy)ethanol (143-22-6)</td>
<td>15 - 25%</td>
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California Proposition 65:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

< 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>

R36: Irritating to eyes.
R41: Risk of serious damage to eyes.
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
- DFG, List of MAK and BAT Values
- Canada Workplace Hazardous Materials Information System

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.
- DFG MAK: MAK (Maximale Arbeitsplatz-Konzentration) under Deutsche Forschungsgemeinschaft.
- TWA: Time Weighted Average.
- STEL: Short Term Exposure Limit.
- NTP: National Toxicology Program (USA).
- FHSA: Federal Hazardous Substances Act (USA).
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative

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