1. PRODUCT & COMPANY IDENTIFICATION

- **PRODUCT NAME:**
  Xstamper Ink X-200 (Black, Red, Green, Blue, Purple, Pink, Yellow, Orange)

- **SKU Numbers**

<table>
<thead>
<tr>
<th>SKU Numbers</th>
<th>22011</th>
<th>22112</th>
<th>22116</th>
<th>22214</th>
<th>22613</th>
<th>33112</th>
<th>33213</th>
<th>N88114</th>
</tr>
</thead>
<tbody>
<tr>
<td>22012</td>
<td>22113</td>
<td>22211</td>
<td>22216</td>
<td>22614</td>
<td>33113</td>
<td>N88111</td>
<td>N88115</td>
<td></td>
</tr>
<tr>
<td>22013</td>
<td>22114</td>
<td>22212</td>
<td>22611</td>
<td>22616</td>
<td>33211</td>
<td>N88112</td>
<td>N88116</td>
<td></td>
</tr>
<tr>
<td>22111</td>
<td>22115</td>
<td>22213</td>
<td>22612</td>
<td>33111</td>
<td>33212</td>
<td>N88113</td>
<td></td>
<td></td>
</tr>
<tr>
<td>99208</td>
<td>99211</td>
<td>99214</td>
<td>99217</td>
<td>99220</td>
<td>99223</td>
<td>99226</td>
<td></td>
<td></td>
</tr>
<tr>
<td>99209</td>
<td>99212</td>
<td>99215</td>
<td>99218</td>
<td>99221</td>
<td>99224</td>
<td>99227</td>
<td></td>
<td></td>
</tr>
<tr>
<td>99210</td>
<td>99213</td>
<td>99216</td>
<td>99219</td>
<td>99222</td>
<td>99225</td>
<td>99228</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **NAME OF MANUFACTURER/SUPPLIER:** Shachihata Inc. /Shachihata Inc. (U.S.A.)
- **NAME OF SECTION:** Research and Development Dept.
- **24 HOUR EMERGENCY CONTACT:** (800) 424-9300
- **U.S.A. ADDRESS & TEL #:**
  3305 Kashiwa Street
  Torrance, CA 90505
  (310) 530-4445 During Business Hours
  (310) 530-2892 (fax)
- **JAPAN ADDRESS & TEL #:**
  4-69, Amazuka-chou, Nishi-ku
  Nagoya-shi, Aichi-ken, Japan
  052-521-1466
  052-521-1468 (fax)

2. COMPOSITION / INFORMATION ON INGREDIENTS

- **SUBSTANCE / MIXTURE**
  Mixture

- **INGREDIENTS**

<table>
<thead>
<tr>
<th>CHEMICAL OR COMMON NAME(S)</th>
<th>CAS NO</th>
<th>INGREDIENTS (wt.%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Castor Oil Derivative</td>
<td>---</td>
<td>40 - 60</td>
</tr>
<tr>
<td>Ethyl alcohol</td>
<td>64-17-5</td>
<td>5 - 15</td>
</tr>
<tr>
<td>Glycol Ether Group</td>
<td>---</td>
<td>5 - 15</td>
</tr>
<tr>
<td>Alcohol Group</td>
<td>---</td>
<td>5 - 15</td>
</tr>
<tr>
<td>Synthetic Resin</td>
<td>---</td>
<td>5 - 15</td>
</tr>
<tr>
<td>Synthetic Dye</td>
<td>---</td>
<td>5 - 15</td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

- **CLASS NAME OF HAZARDS CHEMICALS FOR MSDS IN JAPAN**
  Flammable liquids

- **PHYSICAL AND CHEMICAL HAZARDS**
  Flammable liquids

- **ADVERSE HUMAN HEALTH HAZARDS**
  Harmful in contact with eye or swallowed
4. FIRST-AID MEASURES

- EYE CONTACT  Immediately flush with plenty of water.
  See medical advice immediately.
- SKIN CONTACT  Wipe off with dry cloth and wash with mild soap.
- INHALATION  Move to well ventilated place.
- INGESTION  See medical advice immediately.

5. FIRE-FIGHTING MEASURES

- SPECIFIC HAZARDS WITH REGARD TO FIRE-FIGHTING MEASURES
  In case of fire, use foam dry chemicals.

- EXTINGUISHING MEDIA
  Dry chemical powder, foam or carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Wipe off with dry cloth.

7. HANDLING AND STORAGE

- HANDLING
  - Use only in the well-ventilated areas.
  - Avoid contact with skin or eyes.
  - Avoid inhalation and ingestion.
  - Avoid high temp. and fire.

- STORAGE
  - Store in a cool and dry location.
  - Keep bottle tightly closed.
  - Keep away from heat or sunlight.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

- CONTROL PARAMETERS
  [ Ethyl alcohol]
  ACGIH TLV TWA  1000ppm (1880mg/m)
  OSHA PEL  1000ppm (1900mg/m)

- ENGINEERING MEASURES
  Not required.

- PERSONAL PROTECTIVE EQUIPMENT
  Not required.
9. PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE AND ODOR
  Liquid, minor solvent odor.

- DENSITY (g/cm³)
  1.0

- BOILING POINT
  No data available

- VOLATILE (wt.%)
  5-10

- SOLUBILITY IN WATER
  Insoluble

10. PHYSICAL HAZARD (STABILITY AND REACTIVITY)

- FLASH POINT
  40°C (closed cup)

- AUTOIGNITION TEMPERATURE
  380°C

- EXPLOSION LIMIT
  No data available.

11. TOXICOLOGICAL INFORMATION

- ACUTE TOXICITY
  [Ethyl alcohol]
  Oral
  LD₅₀ (rat) 7,060 mg/Kg
  Inhalation
  LC₅₀ (rat) 20,000 ppm/10H

12. ECOLOGICAL INFORMATION

  No data available.

13. DISPOSAL CONSIDERATION

  Disposal as usual industrial waste goods, soak up with absorbent materials follow all regulations in your country.

14. TRANSPORT INFORMATION

  Follow all regulations in your country.
  UN NUMBER 1210
  UN CLASS 3.3 (Flammable liquids)

15. REGULATORY INFORMATION

  Follow all regulations in your country.

16. OTHER INFORMATION

  The information herein is given in good faith, but no warranty, express or implied, is made.