Jet Letterpress Series Photopolymer - Material Technical Data Sheet

Prepared for: Boxcar Letterpress; Syracuse, NY (Agent)  Date: July 17, 2014

Material: Jet Letterpress Series Photopolymer
Nomenclature: LSL-94-FL
Application: Flatbed & Rotary Letterpress
Features: Laser Engravable, High Resolution, Non Cracking, Bio-Degradable Photopolymer Layer

Available Sizes:

<table>
<thead>
<tr>
<th>Size</th>
<th>(x)</th>
<th>Dimensions</th>
<th>Sheets / Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-0</td>
<td>A</td>
<td>33.1&quot; x 46.8&quot;</td>
<td>10</td>
</tr>
<tr>
<td>A-1</td>
<td>S</td>
<td>23.4&quot; x 33.1&quot;</td>
<td>10</td>
</tr>
<tr>
<td>A-2</td>
<td>S</td>
<td>16.5&quot; x 23.4&quot;</td>
<td>20</td>
</tr>
<tr>
<td>A-3</td>
<td>C</td>
<td>11.7&quot; x 16.5&quot;</td>
<td>20</td>
</tr>
<tr>
<td>A-4</td>
<td>C</td>
<td>8.3&quot; x 11.7&quot;</td>
<td>20</td>
</tr>
</tbody>
</table>

Terms: Sizes Subject to Availability • Prices Quoted are Discounted & Based on Account Payables Status • Broken Cases Revert to List Price 25% Restocking Fee • Returns Require RMA Number Issued by Jet USA • (C) Converting Fee Applies • Prices Subject to Change

Specifications:
- Thickness: .037" / 0.94 mm
- Face Relief: .027" / 0.69 mm • PVA (Polyvinyl Alcohol)
- Substrate: .010" / 0.25 mm • Steel Base
- Durometer: 60-62° Shore D Hardness
- Surface Texture: Matte

Processing:
- Main Exposure: 2:00 - 4:00 Minutes @ 720 mj/cm (350 nm)
- Shoulder Angle: 25 - 30°
- Resolution (inches/inches): 175 @ 3%
- Minimum Isolated Dot (um): 200
- Maximum Isolated Dot (um): 40
- 21 Step Exposure Scale: 13-15
- Washout: < 5:00 Minute
- Bath Temperature: < 23° C / 72° F
- Dry: 10:00 - 15:00 Minutes in Convection Dryer
- Temperature: 65° C / 149° F
- Post Exposure: 5:00 Minutes

Effluent Data:
- .0025 Square Meter of Jet Letterpress Series Plate in ONE LITER of water.

<table>
<thead>
<tr>
<th>Unit</th>
<th>MG / LITER</th>
<th>Unit</th>
<th>MG / LITER</th>
</tr>
</thead>
<tbody>
<tr>
<td>F - Fluoride</td>
<td>Less than 0.1</td>
<td>Cu - Copper</td>
<td>0.07</td>
</tr>
<tr>
<td>Hg - Mercury</td>
<td>Less than 0.0005</td>
<td>Zn - Zinc</td>
<td>0.04</td>
</tr>
<tr>
<td>Co - Cobalt</td>
<td>Less than 0.01</td>
<td>Mn - Manganese</td>
<td>Less than 0.01</td>
</tr>
<tr>
<td>Pb - Lead</td>
<td>Less than 0.05</td>
<td></td>
<td></td>
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</tbody>
</table>

Note: You may filter waste water before discharging into local sewer. Use a Sub-Micron mesh filter. Dry filtered waste and dispose in refuse. Consult Local Authorities for Regulations in your Area.

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