# Jet Letterpress Series Photopolymer - Technical Data Sheet

Prepared for:  Boxcar Press; Syracuse, NY (Agent)  
Date:  June 20, 2014

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

Available Sizes:  
- (S) 19” x 25”  20 Sheets / Case  
- NEW Stock Size… A-1 (S) 23.4” x 33.1”  10 Sheets / Case  
- NEW Stock Size… A-2 (S) 16.5” x 23.4”  20 Sheets / Case  
- A-3 (C) 11.7” x 16.5”  20 Sheets / Case

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  • 5% Converting Fee  • Prices Subject to Change

Specifications:  
- Thickness:  .037” / 0.94 mm  
- Face Relief:  .026” / 0.67 mm ▪ PVA (Polyvinyl Alcohol)  
- Substrate:  .011” / 0.27 mm ▪ Polyester Base  
- Durometer:  75° Shore D Hardness  
- Surface Texture / Color:  Non Matte / Clear

Processing:  
- Main Exposure:  1:00 - 3:00 Minutes @ 720 mj/cm (350 nm)  
- Shoulder Angle:  25 - 30°  
- Resolution (inches/inches):  150 @ 3%  
- Minimum Isolated Dot (um):  200  
- Maximum Isolated Dot (um):  40  
- 21 Step Exposure Scale:  15-17  
- 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.  
- PH = 6.0  
- COD = 1941  
- BOD = 44 Biochemical Demand

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