The following materials can be used in the laser **pending staff approval**. Always bring the original packaging, Safety Data Sheet (if available), and receipt for any materials you hope to use. **Makerspace staff may refuse the use of any material for any reason.**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>CONSEQUENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wood</td>
<td>Avoid oily and resinous woods. Watch for fires.</td>
</tr>
<tr>
<td>Plywood, composite wood, MDF</td>
<td>May not cut as well as solid wood due to glue content. May char more easily than solid wood.</td>
</tr>
<tr>
<td>Paper, cardstock, mat board, cardboard</td>
<td>Watch for fires. May be blown around by air stream.</td>
</tr>
<tr>
<td>Cork</td>
<td>High glue content. May not cut easily.</td>
</tr>
<tr>
<td>Acrylic</td>
<td>Cast acrylic is better for engraving. Extruded acrylic is better for cutting.</td>
</tr>
<tr>
<td>Mylar</td>
<td>Tends to warp and bubble. Certain coatings may not work.</td>
</tr>
<tr>
<td>Cloth, cotton, wool felt</td>
<td>No plastic-coated cloth.</td>
</tr>
<tr>
<td>Leather, suede</td>
<td>100% real leather only. Pleather cannot be cut.</td>
</tr>
<tr>
<td>Laser-safe rubber</td>
<td>Must be non-chlorine rubber.</td>
</tr>
<tr>
<td>Glass</td>
<td>Etch only. Cannot be cut.</td>
</tr>
<tr>
<td>Ceramic tile</td>
<td>Etch only. Cannot be cut.</td>
</tr>
<tr>
<td>Anodized aluminum</td>
<td>Etch only. Cannot be cut.</td>
</tr>
<tr>
<td>Powder-coated or painted metals</td>
<td>Etch only. Cannot be cut.</td>
</tr>
<tr>
<td>Stone, slate, marble, granite</td>
<td>Etch only. Cannot be cut.</td>
</tr>
</tbody>
</table>