## Safe Work Procedure

**Process/Equipment:** Using cold mounting resins  
**Location:** Building 1 G10

**Procedure Developed by:** Greg Tillman  
**Approved by:**  
**Date:** 04/02/05

**Referenced UOW Guidelines, legislation, codes of practice, Australian Standards etc:**

### Personal Protective Equipment Required

(Choose the box for required PPE):

![Personal Protective Equipment Icons]

### Activity

(Steps in the process/task)  

<table>
<thead>
<tr>
<th>Activity</th>
<th>Hazards Identified</th>
<th>Risk Score</th>
<th>Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>Place a degreased sample in the centre of a lubricated mould.</td>
<td>Nil</td>
<td>🟫</td>
<td>Work in fume cupboard, wear protective gloves wear safety glasses and a laboratory coat.</td>
</tr>
<tr>
<td>Mix resin with hardener.</td>
<td>Epofix resin contains Butylglycideylether which is an irritant. Epofix hardener contains Trethyleneetramine which is a corrosive. Vapour from resin mixture is irritant</td>
<td>M M L</td>
<td>Work in a fume cupboard, wear protective gloves, wear safety glasses and a laboratory coat. Use fume cupboard.</td>
</tr>
<tr>
<td>Vacuum impregnation</td>
<td>Implosion of vacuum desiccator.</td>
<td>M</td>
<td>Wear laboratory coat, face shield, protective gloves and perspex cover provided.</td>
</tr>
</tbody>
</table>

**Created:** January 2004  
**Last Review:** January 2004  
**Next Review:** January 2006