# ASUC Job Safety Analysis

Safety Information for the University of California, Berkeley

## Mixing Darkroom Chemicals

<table>
<thead>
<tr>
<th>Task</th>
<th>Hazards</th>
<th>Controls</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Transport chemicals from hallway storage space to Art Studio.</td>
<td>Lifting heavy boxes creates the potential for back strain.</td>
<td>Use proper lifting/moving techniques. Use dolly to transport to Art Studio.</td>
</tr>
<tr>
<td>2. Mix chemicals with water in large mixing container.</td>
<td>Working with chemicals creates the potential risk of chemicals splashing into eyes.</td>
<td>Wear protective safety goggles.</td>
</tr>
<tr>
<td></td>
<td>Accidental contact with chemicals can cause adverse skin reactions.</td>
<td>Wear rubber gloves.</td>
</tr>
<tr>
<td></td>
<td>Inhalation of fumes is a health risk.</td>
<td>Wear a dust mask.</td>
</tr>
<tr>
<td></td>
<td>Mixing wrong chemicals together can create unsafe chemical reactions.</td>
<td>Use care in mixing chemicals. Do not place incompatible chemicals in close vicinity to one another.</td>
</tr>
</tbody>
</table>

**Required Training:**
None

**Required Personal Protective Equipment (PPE)**
1. Safety goggles
2. Rubber gloves
3. Dust mask

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**Other Information:**

- **Contributors:**
  ASUC Auxiliary Art Studio: Title, Name; Title, Name

- **Created:**
  October 2002

- **JSA Library Number:**
  ASUC-ART-17

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For more information about this JSA, contact the Office of Environment, Health and Safety at UC Berkeley, 317 University Hall #1150, Berkeley, CA 94720-1150 (510) 642-3073 • http://www.ehs.berkeley.edu

The development of Job Safety Analyses is a Balanced Scorecard initiative of the AVC-BAS Safety Committee, sponsored by the Associate Vice Chancellor-Business and Administrative Services (AVC-BAS) and the AVC-BAS Leadership Team • http://bas.berkeley.edu/balancedscorecard