# Job Safety Analysis

Safety Information for the University of California, Berkeley

## Mixing Ceramic Glazes

<table>
<thead>
<tr>
<th>TASK</th>
<th>HAZARDS</th>
<th>CONTROLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Measure out all materials. Using a set scale and following a recipe, measure all glaze ingredients in a large bucket.</td>
<td>The elements of glazes are in powder form and are very harmful to inhale.</td>
<td>By filling the bucket with water, it reduces the dust. Always wear a dust mask when mixing glazes.</td>
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<tr>
<td>2. Mix the glaze with water. Add water to achieve the right consistency of glaze. Sieve the glazes, getting rid of all inconsistencies.</td>
<td>Heavy lifting of the glaze buckets into the sink can put strain on the back and muscles.</td>
<td>Proper lifting techniques will reduce the risk of injury. Gloves and a rubber apron will separate one from the chemicals.</td>
</tr>
</tbody>
</table>

**Required Training:**
None

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

Other Information:
Contributors: ASUC Auxiliary Art Studio
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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