

JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

MIXING CERAMIC GLAZES

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

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