

Materials:  
Glass enamel, 80 mesh  
24g copper forms  
Penny Bright  
Enamel holding agent

Tools:  
Sifter  
Paint Brush  
Petri Dish  
Clean Paper  
Trivet

Butane Torch  
Mesh Tripod  
Fire Brick  
Metal Spatula  
Fire Tweezers  
Alundum Stone

# Enameling

## Safety:

Tie hair back, roll up sleeves, take off any jewelry that may catch.

Know the location of Burn ointment, first aid kit, fire extinguisher.

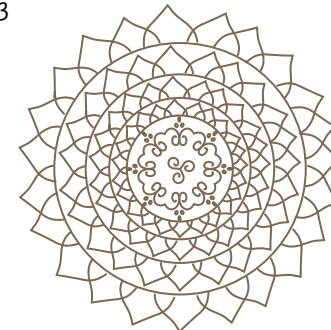
Be aware of not only your work space but also your neighbors'.

## Prepping Metal

1. Make a hole in the copper for pendant.
2. Clean copper to be enameled of all oil residues. The easiest way to do this is with Penny Bright. Wash in water. Note: be sure to wash your hands thoroughly with dish soap and water to remove oils and lotion. The primary cause for enamel not to stick is oil. You may also burn off any oils with a torch, but you will need to pickle the piece after to remove firescale.
3. When handling clean metal hold from the sides to eliminate any potential of contaminating work surface.
4. Place copper piece on a raised surface over a clean piece of paper; magazine or telephone book paper is best. (Example: a stack of pennies, a pair of tweezers, a film canister...etc.) This will help you lift the piece for transfer to firing surface.

## Handling Enamel

1. It is advised to wash enamel before using. This will remove fine particles and prevent a gray haze from forming over your color. Although this is not required it is strongly recommended for transparent enamel.
2. Wash enamel by placing into a small cup and with a squeeze bottle of water, liquefy the enamel. This will cause a haze to appear in the enamel water (these are fine enamel particles). Pour off as much water as you can into another container without discarding the enamel. Repeat this process at least 2-3 times or until the water becomes clear.
3. Place wet enamel on clean printing paper. You may use a paper towel but this may cause you to lose some enamel in the process. Printing paper will also help you funnel your enamel back into its container.
4. Note: do not discard the dirty water in the sink as it will cause it to stop up over time. Discard dirty water, allow sediment to settle, pour off water and save the remaining enamel for counter enamel.



*Kieu Pham Gray*

innovate. explore . learn