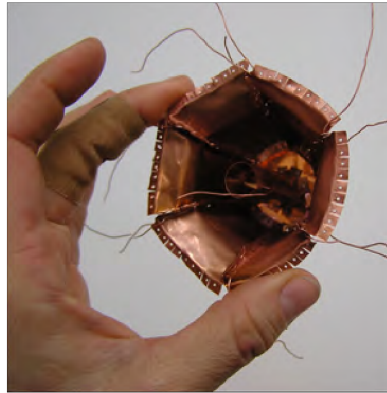


Sewn Foil Forms with Liquid Enamels

Using paper patternmaking techniques and cold connections, students will construct volumetric forms from 30-gauge copper foil. We will then add liquid enamel that may be used to both strengthen and decorate the form. The immediacy of this technique provides a means of quick, dimensional construction for those who may not have access to forming tools.

SAMPLES:



MATERIALS LIST: Ana M. Lopez Sewn Foil Forms with Liquid Enamel Workshop

July 15-17, workshop is 10-4. Studio will be open 9-5. Materials cost is about \$175 for essentials

Things you may have around the house:

| Qty | DESCRIPTION |
|--------|--|
| 1-2 | Sheets of cardstock or manilla folders to make template patterns |
| 1 | Hand-sewing needle, anything comfortable with a sharp point |
| 1 | 1 spool sewing thread, any kind |
| 5 | Small, cheap craft brushes of various sizes |
| 2 each | Reusable plastic or glass containers with lids in (approximately) 2, 4, 8 and 16-ounce sizes. Clean reusable food containers like baby food jars and yogurt tubs work well. |
| 1 | Apron or work shirt to keep clothes clean |
| 1 | Dust mask or respirator to protect lungs from airborne powders |
| some | Well-fitting rubber or nitrile gloves. I like heavy-duty black nitrile disposable gloves by Titanflex – I find that I can wash and re-use them. Please ensure they allow you some dexterity. |
| 1 | Assortment of binder clips in various sizes from mini to medium, around 50 |
| 1 | Old kitchen towel or similar to dry work |

Required supplies: (sources are just suggestions):

| Qty | Description | Source |
|-----------------|--|---|
| 2-4 square feet | 30-gauge (.010" thick) copper sheet. This should come from a 12" high roll. | McMurray Metal, Dallas https://www.mcmurraymetals.com/ <i>Call them. Ask for .010 x 12" copper coil and then however many running feet. They will ship.</i> |
| ~25 feet | 28-gauge copper wire | Rio Grande or similar: https://www.riogrande.com/ |
| 1-2lb | Thompson enamel 533 liquid white enamel in dry powdered form | https://thompsonenamel.com/ |
| 1 | #60 drill bit | Hardware store |
| 2 | Pints distilled water | Grocery store |
| 1 | Tin snips/solder snips/hand shears to cut 30-gauge metal into complex shapes without leaving serrated ridges | Example from Rio Grande: https://www.riogrande.com/product/german-straight-tip-shop-shears/111237GP/?code=111237 |
| 1 | Pair metal dividers | Example from Rio Grande: https://www.riogrande.com/product/economy-divider/116005GP/?code=116005 |

Optional supplies

| | | |
|--------|---|---|
| 1 | "Bernzomatic" Mapp gas handheld torch. | Home Depot, ace hardware |
| 1 or 2 | Small quantity (1/4 cup) of ceramic stain like Mason brand. This will enable you to tint your liquid enamel. Students can swap small amounts in class to build individual palettes. | You may have something closer but I usually order from Clay Planet https://shop.clay-planet.com/ or https://www.baileypottery.com/ |
| 1 | Swanstrom 1.25mm Hole-Punching Pliers (if you don't like waiting for shared resources) | Rio Grande |

Notes: How much enamel powder a person uses depends on them, which is why the range is 1-2 lbs.

1lb of dry powdered liquid enamel would be enough to mix up about 9 fluid ounces at a workable consistency. This will be used to dip, pour and paint on the sewn copper foil 3D forms. If a person makes several things the size of a tennis ball, they will need all of that to give them enough for pouring over.