

Koo Schadler
Egg Tempera, The Luminous Medium

MATERIALS LIST

Having taught egg tempera for many years, I know the importance of working with the right materials.
To that end, **please read the materials list carefully.**

NOTE: Supplies on this page are available as the “Koo Schadler Egg Tempera Kit” from Natural Pigments:

<https://www.naturalpigments.com/koo-schadler-workshop-sets.html>

Please note, there are two different kits from Natural Pigments: one with glass palette, and one without.

A glass palette is essential to the course but increases the kit's shipping costs, so you have the option to supply it yourself.

REQUIRED ITEMS

1. Seven Pigments (.25 oz or 8 ml. each)

1. Titanium White
2. Mars Black - “Natural Black Iron Oxide” in Natural Pigments Kit
3. Yellow Ocher - “Lemon Ocher” in Natural Pigments Kit
4. Raw Umber - “Cyprus Raw Umber Medium” in Natural Pigments Kit
5. Ultramarine Blue
6. Chromium Oxide Green
7. Quinacridone Magenta
- Pyrrole Red, *Optional. This color is included in the Natural Pigments Kit. For those of you buying your own materials, Pyrrole red may be hard to find. Cadmium red is similar, but toxic and should be used with caution. If you are not purchasing the Natural Pigments Kit, and don't have Pyrrole or Cadmium Red, the color is not required for this course.*

2. Round, Watercolor Brushes. Sizes: 0, 1, 2 & 4

Koo's preferred brushes are made from synthetic fibers such as “Golden Taklon” or “White Sable”.

The Natural Pigments kit includes a set of Synthetic Kolibri "White Star" Round Pointed Brushes.

These brushes are also sold at <http://www.naturalpigments.com/koo-schadler-brush-set.html>

Another brush I like is: Golden Taklon, 10” Handle, Round 2500 series from Trekell at www.trekell.com

3. Two Gesso Panels (one for painting, another for practicing brushstrokes).

Size: 3 x 5 in. / 76.2 x 127 mm. (*Or, use a larger size panel and place the 3 x 5” drawing within it; or increase size of drawing to fit whatever size panel you have.*)

Gesso: Do *not* work on acrylic gesso; egg tempera doesn't behave or adhere well on it. Use either:

1. **Tempanel** (aluminum panel coated with Rublev Tempera Ground), available at:

<http://www.naturalpigments.com/tempera-panel.html>. The 3 x 5” size Tempanel is available only to Koo's students and must be specifically requested from Natural Pigments.

or 2. **Traditional, True Gesso** (chalk and glue) panel. You can make one yourself, from scratch, if you know how; or search “gesso panel” on <https://www.etsy.com> (i.e. icon boards from Stanyoko).

4. Palette Knife

A palette knife with a 2-3” blade, rounded tip, and offset between handle and blade, works best.

5. Eye Dropper

6. Watercolor Palette, 6 or more wells total

Made from plastic or porcelain.



Example of palette knife with offset between handle and blade. →



7. Glass Palette, 10 x 10” or larger. You have two options for a glass palette:

1. **Buy One.** The Natural Pigments kit has the option to include a glass palette; or you can buy it individually at <http://www.naturalpigments.com/grinding-plate-10-x-10-x-025.html>; or buy an artist's glass palette from another company (such as Amaco).

or 2. **Make one.** Go to a local glass store. Ask for a sheet of 10 x 10” or larger (whatever size you prefer) **tempered or safety glass** (so it's not vulnerable to breaking) with **edges sanded** (so you don't cut yourself). An optional step is to buy a can of **white spray paint** from a hardware store, and apply several coats to one side of the glass (this will be the underside of your palette).

Required Items, continued.

This items are not included in the Natural Pigments kit, you provide them yourself. Most people already have many of these items.

8. Eggs. Approximately 1 per lesson
9. Jar with lid, 1-2 oz/28-55 grams. To hold egg yolk medium.
10. Water bowl.
11. Hairdryer. Helps paint dry more quickly.
12. Tiny spoon (i.e. from ice cream shop, or demi-tasse spoon). To transfer powdered pigments to palette wells.
13. Alcohol. Isopropyl alcohol, denatured alcohol, or any drinking alcohol over 190 proof.
14. Tape. Low-stick tape is preferred. Blue painters tape from hardware store works well.
15. Stylus, Ultrafine Pen, or Sharp Pencil. To transfer image to panel.
16. HB or #2 pencil. To rub on back of drawing for transferring image to panel.
17. Scissors. To cut out drawing and masks.
18. Sharp, pointed tool. Etcher's awl, ceramic needle tool, nail, tack, etc. To incise lettering.
19. Ruler. Any will do but a transparent, graph lined sewing ruler best.
20. Kitchen sponge.
21. Cheesecloth (small piece) or microfiber cloth or any brand "microscrubber" melamine foam cleaning erasers.
Do not use microscrubbers that contain cleaning agents.
22. Sandpaper or sanding sponge. 400 grit or higher.
23. Pipe Cleaner. To clean eyedropper.
24. Scraper or Single Edge Razor Blade. To clean palette & test tempering.
25. Paper towels or cloth rags.

Fine Pointed Awl →



Sanding Sponges with ultra-fine, 1200+ grit →



Optional Items

1. Mister or Spray Bottle. To keep tempered paint moist.
2. Toothbrush. To splatter on paint.
3. Nitrol gloves or barrier hand cream.
4. Dust mask.
5. Work Apron.
6. Easel. Most tempera painters work at a flat table and use a small table easel to support their panel at an approximately 45° or greater angle. If you don't own a table easel, you can improvise by propping your painting panel against a book, small box, or anything that provides an angle to the painting. You may also work flat, if you prefer.