



How to Mix Emulsion:

FIND: Diazo Sensitizer (small 2oz jar; it feels empty)*

Diazo Emulsion base (large 26.4oz jar)*

Sharpie marker, ink knife, gloves, and apron as needed

** Alternatively, you can use a smaller 1oz sensitizer with a smaller 6.6oz diazo emulsion base.*

1. Put on gloves (and apron as needed).
2. Fill the small bottle of sensitizer up to the shoulder of the jar with cold water (not to the top because the air bubble is needed to mix the solution).
3. Shake the sensitizer for a minute or longer to mix the sensitizer and water.
4. Use an ink knife to mix the sensitizer into the emulsion base turning the base from blue to an even pea-green. Mix all the way to the bottom of the jar.
5. Write the mix date on the side with a Sharpie
(After mixing, Speedball Diazo Emulsion is good for 4-6 weeks if stored properly in a cool dark place; up to 4 months if refrigerated properly.)
6. Clean off the lip of the jar if it is covered with emulsion so it doesn't get stuck.
7. Put the mixed emulsion in the classroom storage area.
8. Clean off the ink knife and other materials before the emulsion hardens on it.
9. Throw out the used sensitizer jar so it doesn't get confused for a new jar.

The emulsion coats the screen more evenly if it sits a few hours after mixing so bubbles can escape.