

# MIXING SPEEDBALL SCREEN PHOTO EMULSION



**Safety: Wear latex gloves when handling or mixing the photo emulsion.**

1. Using a shot glass: **ADD 1 ounce of COLD water** into the Diazo bottle. put cap on and shake really well. Remove cap and take a small stir stick and scrape the bottom of the bottle to loosen diazo paste.
2. Place cap back on and shake really well again.
3. Pour some of the diazo into the emulsion and begin mixing using a stick or spoon. You should see a color change. (It will go from a blue to a turquoise green). Continue to add more diazo as you mix, until you've used all the diazo and mixed the emulsion thoroughly.
4. **ADD an additional 1/2 ounce of COLD water** into the Diazo bottle, and take a small stir stick to loosen any remaining diazo paste off the inside bottom of the bottle. Then place cap on again and shake really well. (for a total of 1 ½ oz of water).
5. Pour the remaining diazo into the emulsion and continue to stir until completely mixed.
6. After mixing, screw on the cap and store in a dark place.
7. Wash off your mixing stick/spoon and wipe up any that may have spilled on counter or sink.

Store the emulsion in a dark space.

Shelf Life is:

4 wks at 90 degrees

8 wks at 70 degrees

4 months if refrigerated.