

Suggested Instructions for Use of Cerium Oxide -

Supplies Needed:

- Cerium Oxide
- Water (Some recommend distilled water)
- Polishing Wheel
- Electric Drill
- (2) Small Plastic Tubs (Pint or quart size)
- Spray Bottle

Note: Working with Cerium Oxide can be messy! When buffing, there will be splatter. You may want to have to have supplies available to cover any area you don't want to have to clean later.

Directions:

- Clean the area you're going to work on thoroughly. Be sure there is no dirt or grime on the glass, as this may result in additional scratches once you start buffing.
- Have two small plastic tubs ready; quart or pint sized containers work well. Fill one halfway with water (some people recommend using distilled water).
- Place your buffing wheel into the water; let it become thoroughly damp, but not dripping wet.
- Scoop a couple of TBSP of Cerium Oxide into the empty tub, and add enough water to create a slurry (a thin, paste-like mixture). The amount of Cerium and Water will depend on how large of an area you are trying to buff, you can always add more if needed.
- Attach the dampened polishing wheel to your electric drill and dip it into the slurry.
- Place the polishing wheel on your work area; you will want to be sure that you keep the wheel moving in an up and down and circular motion. Be sure that the slurry does not dry up, as this could cause your glass to overheat and crack. If your slurry is becoming dry, you can spritz it with a spray bottle full of water.
- Allow cerium to dry and wipe clean.

Please Note: This is a time consuming process, and it can take several sessions to achieve the desired results. Do not apply too much pressure or force to the polishing wheel; this could cause damage to the glass and strip the post from the wheel.

Important Information: Cerium Oxide will not remove deep scratches or pitting. Cerium Oxide is recommended for the removal of light scratches and scuffs; if you can distinctly feel a scratch in your glass with a fingernail, it may be too deep to polish out and you may run the risk of damaging your glass further. Cerium is not recommended to remove deep glass etching.