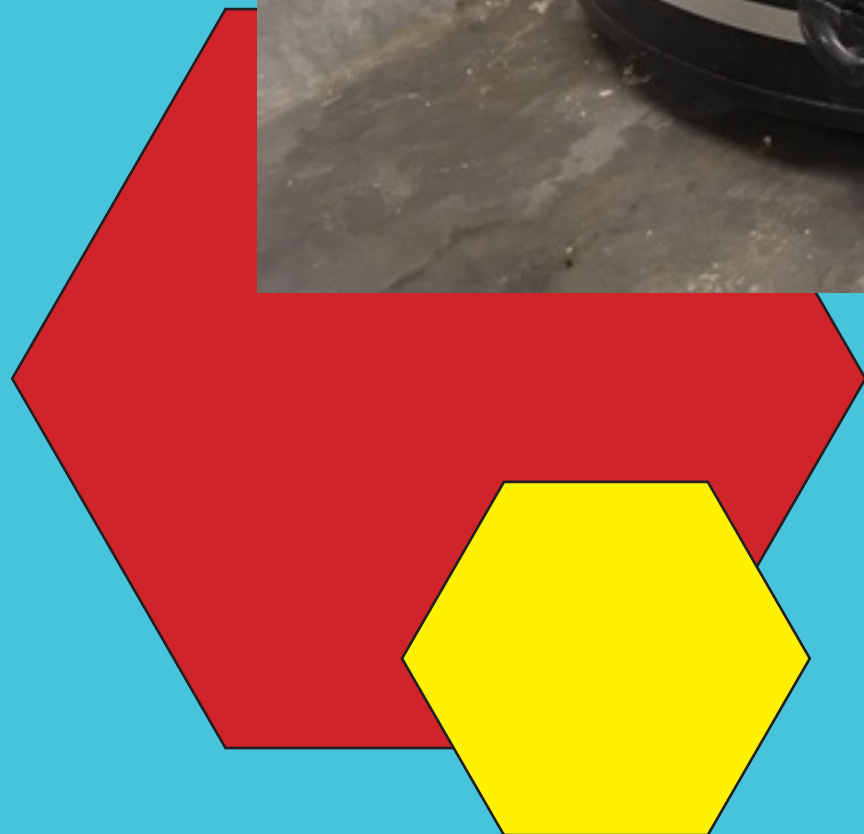


How to Properly use Pickle Solution



Pickle Pot

Pickle Pot Lid

Ventilation



Temperture
Controller

MSDS Label
(Material Safety
Data Sheet)

Pickling is a metal surface treatment used to remove impurities, such as stains, inorganic contaminants, rust or scale from metals. Never put Steel inside of a shared pickle pot because it can contaminate other's work. Be sure that ventilation is turned on whenever using pickle solution/soldering and always close the lid. The MSDS Label shows the hazardous level for the solution.

KEEP WARM



Always be sure that the pickle pot is set to keep warm. Setting the pickle pot to high could cause much harm and it does not speed up the process.

Fresh Pickle Solution



Fresh pickle is clear, however as it is continuously used the color changes (this doesn't necessarily mean that the pickle needs to be changed).



Be sure to use copper tongs when taking work out of the pickle pot. Never use steel tongs because it can contaminate the pickle. Never pick up piece with bare hands.



Immediately after taking piece out of the solution, place it inside of a steel quench bowl with water to remove acid.

How to Make Super Pickle

Oxygen Bleach EP or
(Hydrogen Peroxide)

Citric
Acid

Copper
Tongs

Glass Bowl

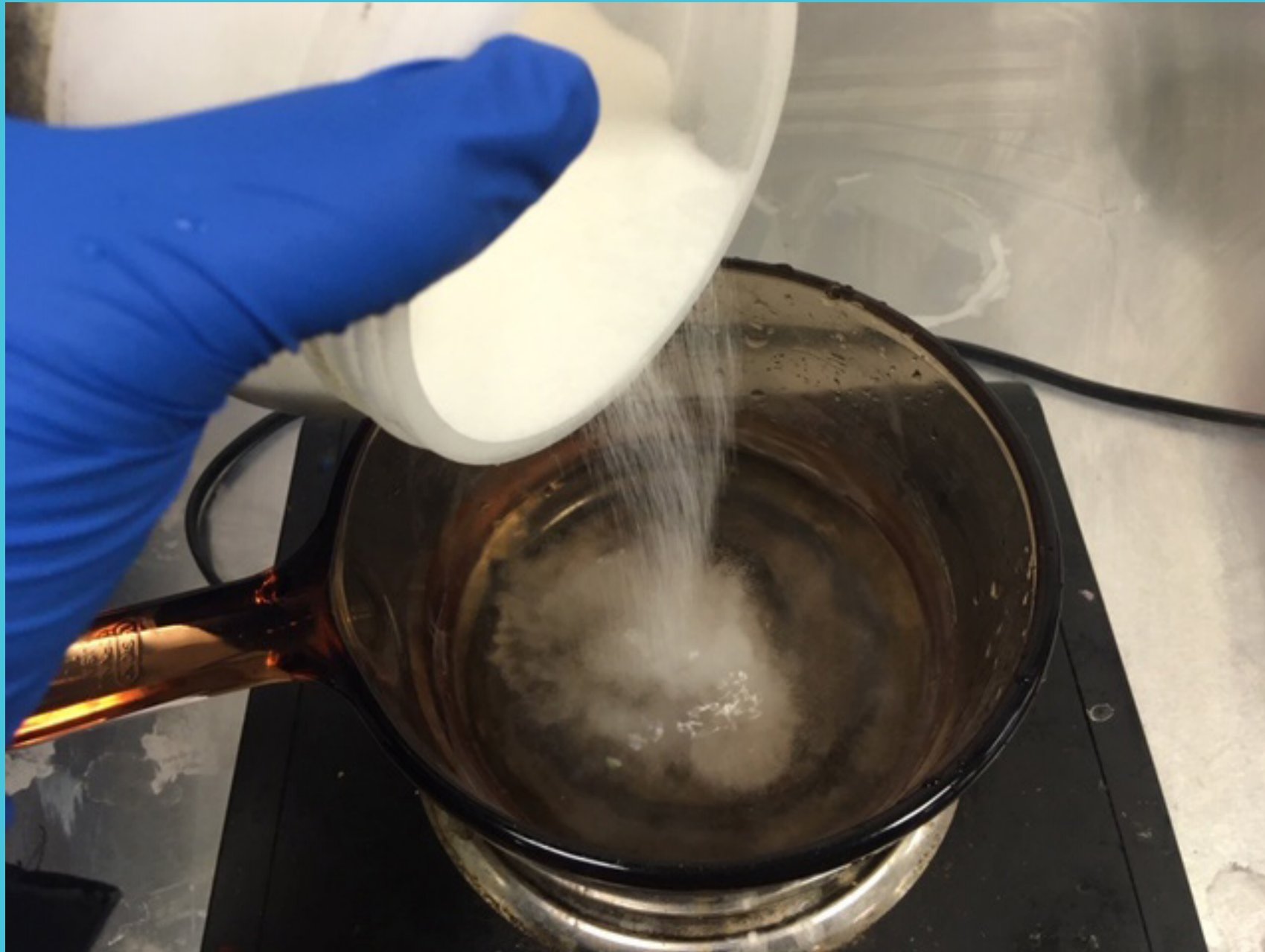
Hot Plate



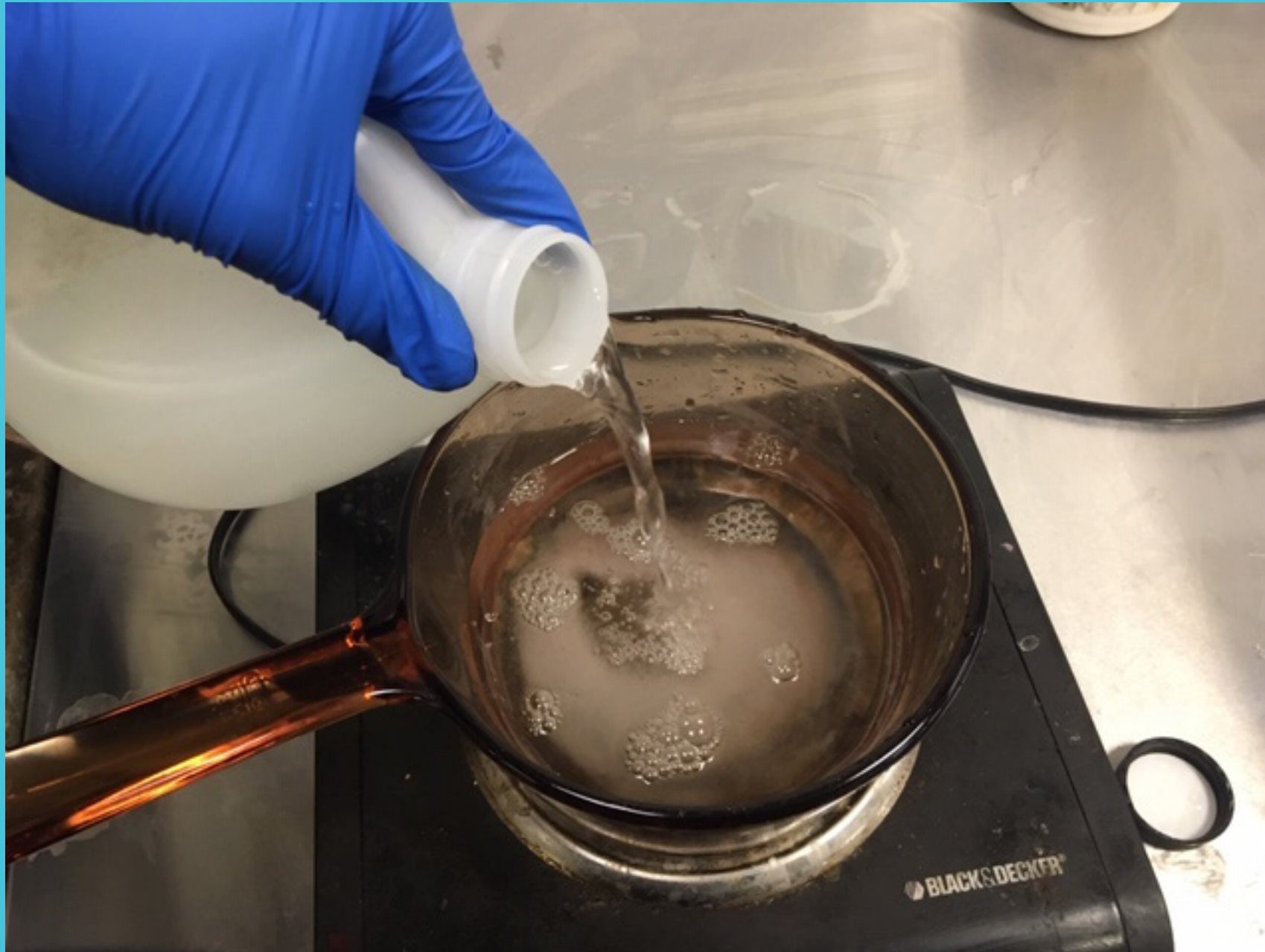
Super Pickle is used to remove oxidation from metal that has copper plating on it after heating. It works well on both brass and nickel silver. Be sure to follow all safety precautions and wear gloves.



Put water inside of the glass bowl. The amount of water needed is depended upon the size of the piece. Pickle solution and oxygen beach/hydrogen peroxide should be measured in equal parts. (You can also use an electric water kettle to save time from heating the super pickle).



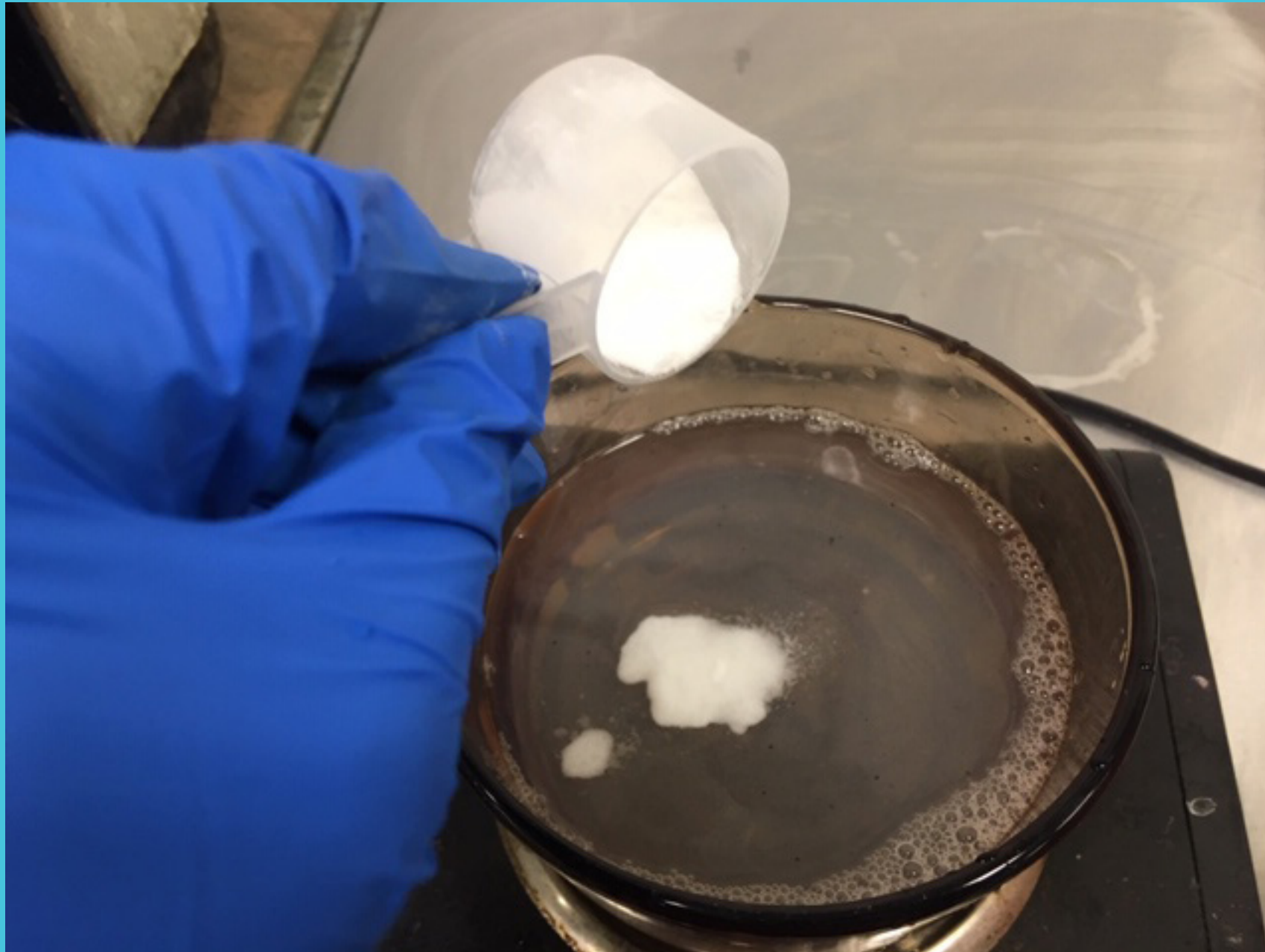
Place citric acid inside of the water. The amount needed is depended upon the amount of water used/size of piece.



Pour an equal amount of oxygen bleach/hydrogen peroxide inside the glass bowl that already has the water/citric acid. Once both parts are mixed together, you can turn the hot plate on.



Heat allows the super pickle to perform at its best. Oxygen bleach allows the super pickle to work much faster than using hydrogen peroxide. Results should appear within minutes. (Remember to wear gloves and use copper tongs/practice all safety precautions).



Once you are done super pickling, be sure to use baking soda to neutralize the solution before pouring it down the drain. While pouring solution down the drain, be sure to run water to help keep sink area clean.