



Welcome to the
exciting world of
Precious Metal Clay

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PMC Aqua

How to Make a Good Thing Even better

- PMC Aqua is ideal for extending the working life of your PMC by rehydration. PMC can be reconstituted with water, but PMC Aqua brings the clay better to its optimal pliability.
- PMC Aqua can also be used to recover pieces of PMC that are completely dry. Reduce the dry material to small pieces or powder, mix with PMC Aqua, wrap tightly and allow to rest.
- PMC Aqua can be used to rehydrate all types of PMC including PMC Sterling, OneFire Sterling PMC and PMC3. In addition, it has the following effect for PMC Flex.

Turn your PMC Flex into "Super Flex"

The benefit of PMC Flex is that it remains flexible after several hours of working. To increase even this working time and flexibility, add PMC Aqua as described below. It is even possible to make your own sheet and syringe-style clay by adding PMC Aqua to PMC Flex. This unique ability to control the pliability of the clay makes it perfect for quilling, plaiting, etc.

How to Use PMC Aqua

Use PMC Aqua to restore any type of PMC that has dried out slightly. Achieving the desired flexibility is a matter of matching the amount of PMC Aqua with a "resting time" that allows the liquid to interact with the binder in the clay. The chart below gives some guidance, and personal experience will quickly demonstrate what works for you. Note that using too much PMC Aqua risks making the clay sticky, so it is better to be conservative with the liquid and instead allow a longer time for the materials to blend.

The guidelines below refer to 5 grams of PMC (about the size of a peanut). Adjust the amount of PMC Aqua and the length of resting time accordingly.

Goal	PMC weight	Amount of PMC Aqua	Resting time, tightly sealed
Restore semi-dry clay	5 grams	5 drops	At least 10 minutes
Restore dry clay (break into small pieces)	5 grams	15 drops	At least 6 hours
Softening PMC Flex to make sheet or to extrude wires	5 grams	5 drops	—

How to Make Sheet

After preparing the PMC Flex as described above, press a lump flat by hand then flatten it with a roller. Allow the sheet to sit uncovered for a few minutes so the surface can dry. The result is a sheet that can be used for quilling, pleating, overlay and other purposes. Sheet as thin as 0.2 mm can be made this way. Note that sheets thicker than a millimeter might crack if bent sharply.

How to Make Wire

Prepare PMC Flex as described above and load the soft clay into an empty syringe. To get started, insert a needle or wire into the nozzle and slowly depress the plunger. This will remove excess air and make the extrusion easier. Trim the nozzle to a size and shape for the wire you desire. As with the sheet, allow the wire to dry for a few minutes before using it. The result is a remarkably pliable wire that can be used in many ways.

Notes

- The liquid may become separated in storage; shake before using.
- If you accidentally use too much PMC Aqua, leave the clay exposed to air until it dries to the desired state.
- When firing, avoid a rapid rise in temperature because this might cause the clay to blister or deform. Instead, bring the kiln up to temperature slowly for the first 30 minutes. After that, you can apply the same firing time and temperature as normally used for each type of PMC without PMC Aqua.
- SAFETY – In case of contact with eyes, immediately flush eyes with plenty of clean water. Though rare, it is possible to experience a skin rash or itchiness from PMC Aqua. If you have a reaction, discontinue use and consult a doctor. Use care to avoid burn injury. Do not ingest. Keep out of the reach of children. Wash hands after use.

Patent Pending

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