



1. The higher initial cost of PMC makes selling work unrealistic .
2. Dry skin affects PMC .
3. PMC goes into the kiln as clay and turns into fine silver (999.99) during the firing cycle.
4. Aluminum tools and work surfaces are OK for use with PMC .
5. PMC is a polymer based material .
6. Cubic Zirconium was invented for the space program by NASA .
7. Silver compounds can kill bacteria.
8. A bullet made from PMC Silver will kill a werewolf.
9. The Lone Ranger used silver bullets made from PMC so the people he shot would not die of lead poisoning .
10. PMC Standard shrinks more because it's silver particles are smaller then PMC+ or PMC3 .
11. Sintering is the term used to describe what happens to PMC when fired in a kiln .
12. Sintering is a relatively new innovation in metal working.
13. You cannot enamel in a kiln that has been used to fire PMC.
14. PMC can be damaged if fired longer then the factory recommended times .
15. Mold can grow on unfired PMC .
16. Vermiculite contains asbestos .
17. Cast fine silver is harder than rolled fine silver .
18. The binder in PMC is methyl cellulose .
19. Working with PMC or other silver clay products can cause Argyria\*.
20. PMC can be fired in a microwave oven.

## ANSWERS

- 1 False. People are making gobs of money with PMC.
- 2 True. Artists with especially dry hands should use extra lotion or oil.
- 3 False. PMC is always metal. The use of the word "clay" refers to the working properties of the material.
- 4 False. Avoid having PMC in contact with aluminum. The combination creates a corrosive compound.
- 5 False. PMC contains no polymer (plastic).
- 6 False. CZs were developed in Russia.
- 7 True. The superstition of dropping coins into a well can be traced to this fact, which was known in an unscientific way, in antiquity.
- 8 True. Duh.
- 9 False. He might have if he lived today, but PMC was not around when the Lone Ranger was bringing justice to the Old West. Too bad for him.
- 10 False. The greater shrinkage rate is because Original PMC has more binder than the other versions.
- 11 True. Look it up.
- 12 False. Versions of powder metallurgy go back over a thousand years.
- 13 False. There is no contamination problem between these techniques.
- 14 False. Longer time = no problem. Higher temperature = problem.
- 15 True. It is the organic binder that gets moldy. This will be burned away in the firing and causes no problems to either you or the work you make.
- 16 False. There was a terrible case 20 years ago where a vermiculite mine also produced asbestos. The material we use today is safe.
- 17 False. Cast metals are never quite as hard as rolled metals.
- 18 True, though there are small amounts of other ingredients.
- 19 False. Argyria is a serious skin discoloration that results from ingesting silver.
- 20 False. Well, it can be done in a specially made container, but it is not recommended.