

What is PMC?

PMC was discovered in Japan the early 1990s by Dr. M. Morikawa of Mitsubishi Materials Corporation (MMC). It is a pure metal powder combined with a non toxic organic binder and water. When kiln or torch fired, the binder burns away, leaving pure, 99.9% fine silver. PMC can be combined with a variety of media, glass, ceramics, stones and polymer clay. It looks, feels and shapes like potter's clay and can be rolled, sculpted and shaped easily with fingers and other simple tools. When it is dry it can be sanded, filed, engraved, drilled and pre polished. Once it has been fired it is pure silver and can be treated like any other pure silver.

- PMC is an amazingly plastic and versatile material. It can be shaped by hand, folded, moulded, extruded and painted on another surface.
- PMC can be textured and takes on microscopically fine definition.
- PMC can be mixed with ceramic powders and oxides to assume new shades of colour and textures.
- PMC can be fired with stones and ceramics.
- PMC can be glazed and enamelled.

Beginners PMC Course:

During this course you will make 3 pieces of jewellery learning everything from product through firing and finishing.

Techniques –

- handling and storage of PMC
- various tools and their uses
- shaping the PMC clay
- texturing & embellishing
- setting a stone
- drying and firing
- a number of different finishing techniques including antiquing

Tools –

The tools required for working with PMC are fairly straightforward and include potter's clay shapers, cutters and texture tools, paintbrushes, craft knives, chisels, files, scrapers, dremel and many other assorted objects found around the home.

Total Cost: \$180.00

Project 1:

Dichroic Glass Pendant

Materials:

- 10 - 15 gms PMC3 Lump Clay
- 1 x PMC3 Syringe
- 1 x PMC3 Paste
- 1 piece Dichroic Glass up to 2cms

Project 2:

Filligree Earrings

- 1 x PMC Syringe
- 1 x PMC Paste
- Different size syringe tips
- 2 x Silver earring wires
- 2 x Cubic Zirconia's

Project 3:

Ring

- 15 gms PMC Lump Clay
- 1 x PMC Paste
- 1 x PMC Syringe

1 x Cubic Zirconia or gemstone (must be 7 or more on MOHS)