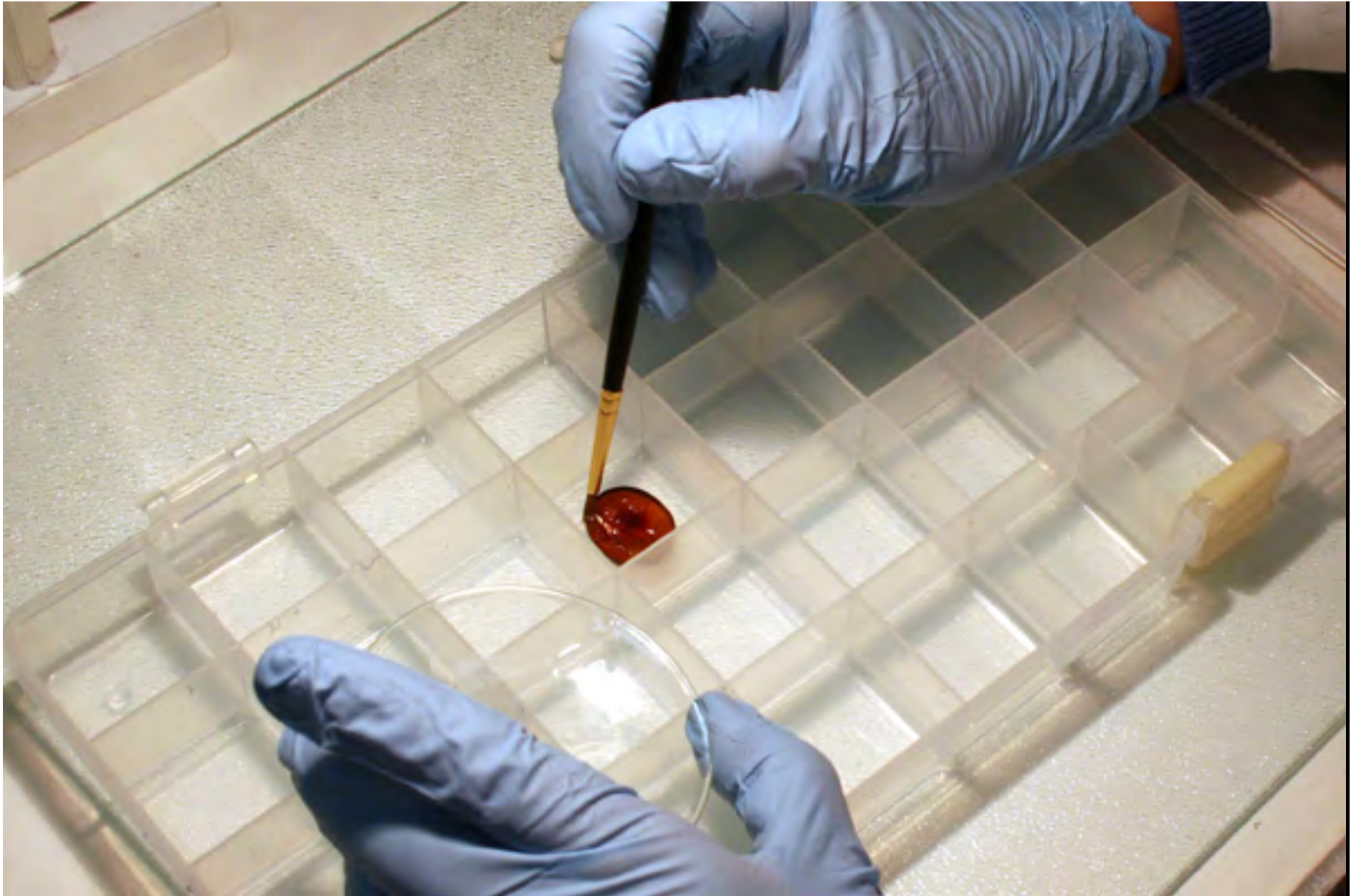


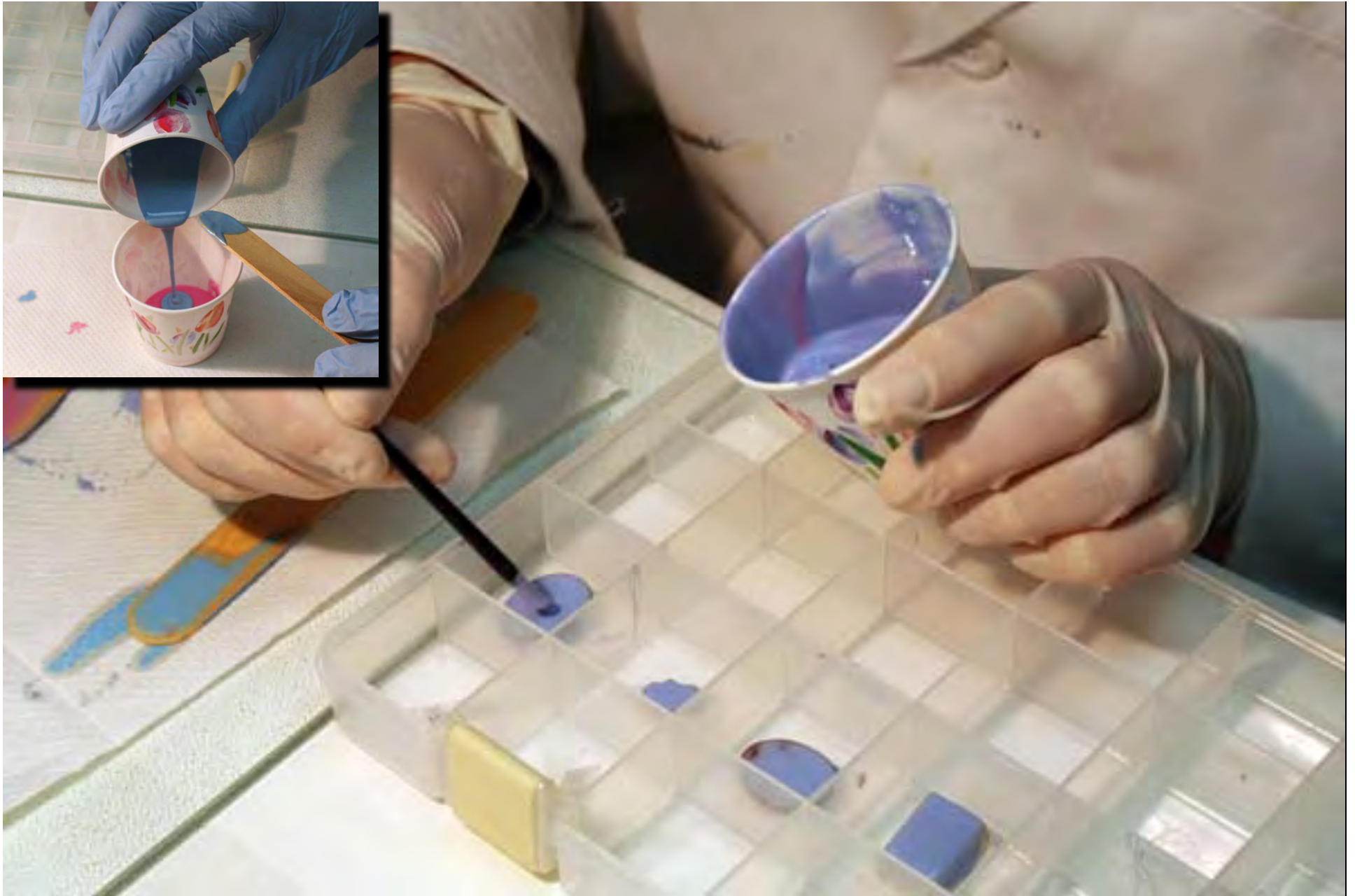
Casting Intaglio Gems



MCCM 2008.31.120 *Cybele in her Lion Chariot*
Agate Ringstone, Roman, mid-4th century AD
Gift of the Estate of Michael J. Shubin



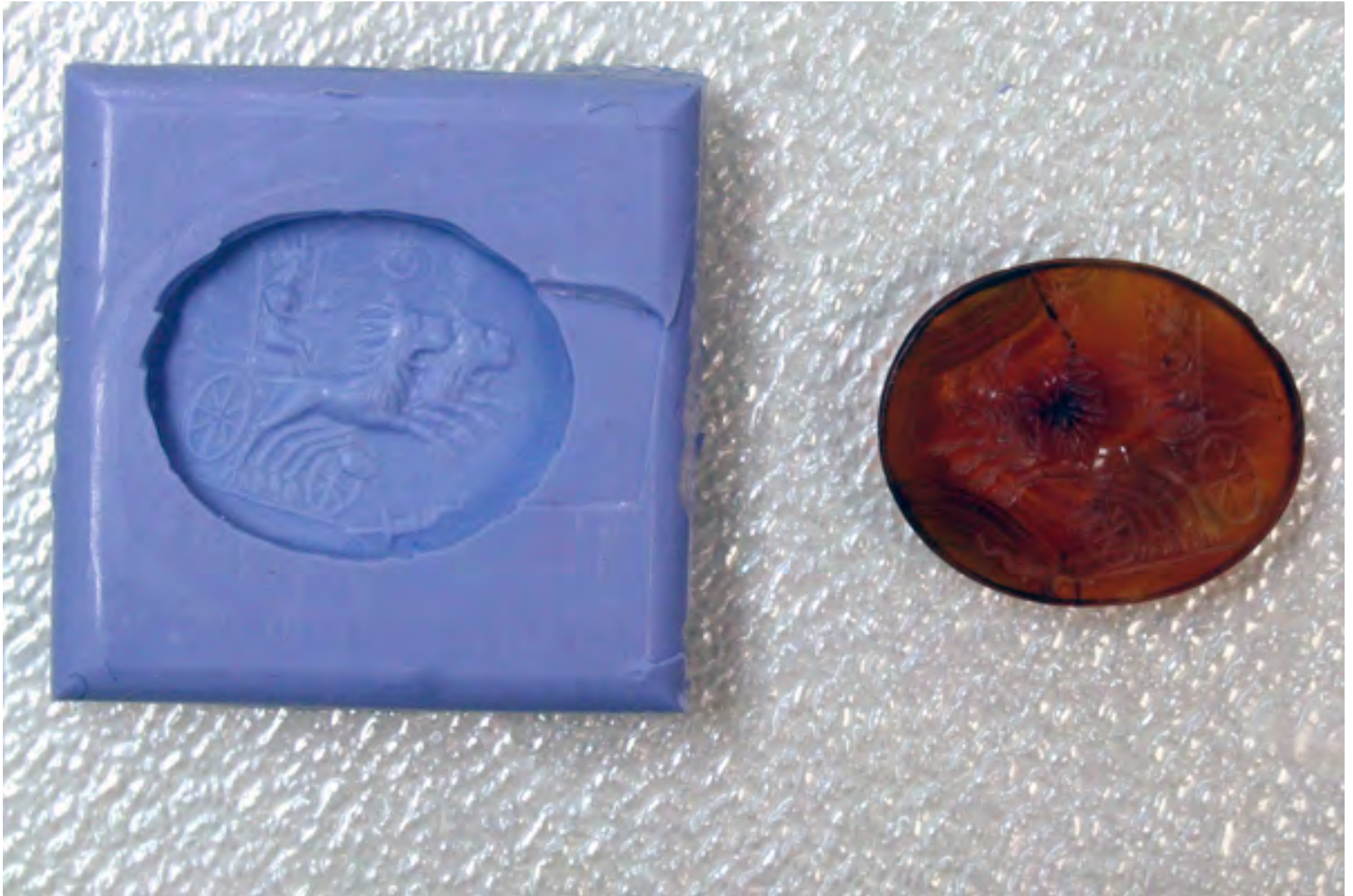
Place gem into compartment. Paint release agent (*petroleum jelly thinned with mineral spirits*) on the gem. Let dry.



Mix silicone (*SmoothOn OOMOO 30*, 2-parts mixed 1:1). Paint silicone on gem surface to ensure all of the image is covered and to prevent bubbles.



Pour silicone to cover the gem at least 1/8" and fill the compartment. Pour slowly at one corner to prevent bubbles.



Carefully remove gem from mold.



Paint release agent on mold. Let dry.



Paint 1st mold with silicone to cover the image and prevent bubbles.



Slowly pour silicone to fill 1st mold.



Carefully separate the 1st and 2nd molds.



Form a ring of foam tape around the 2nd mold to create a raised wall.



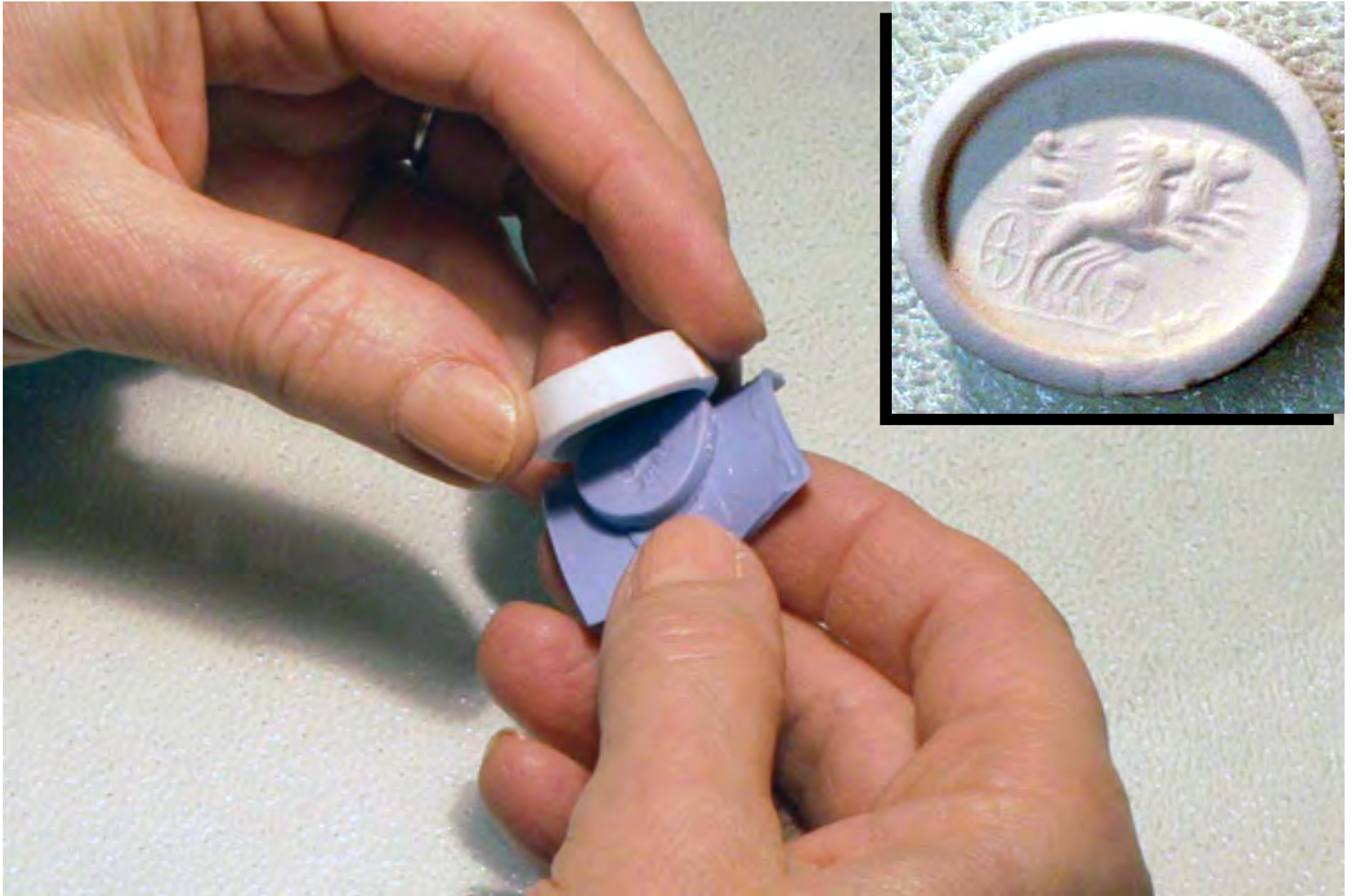
Mix plaster (*Die Stone*) with water (approximately 3:1).



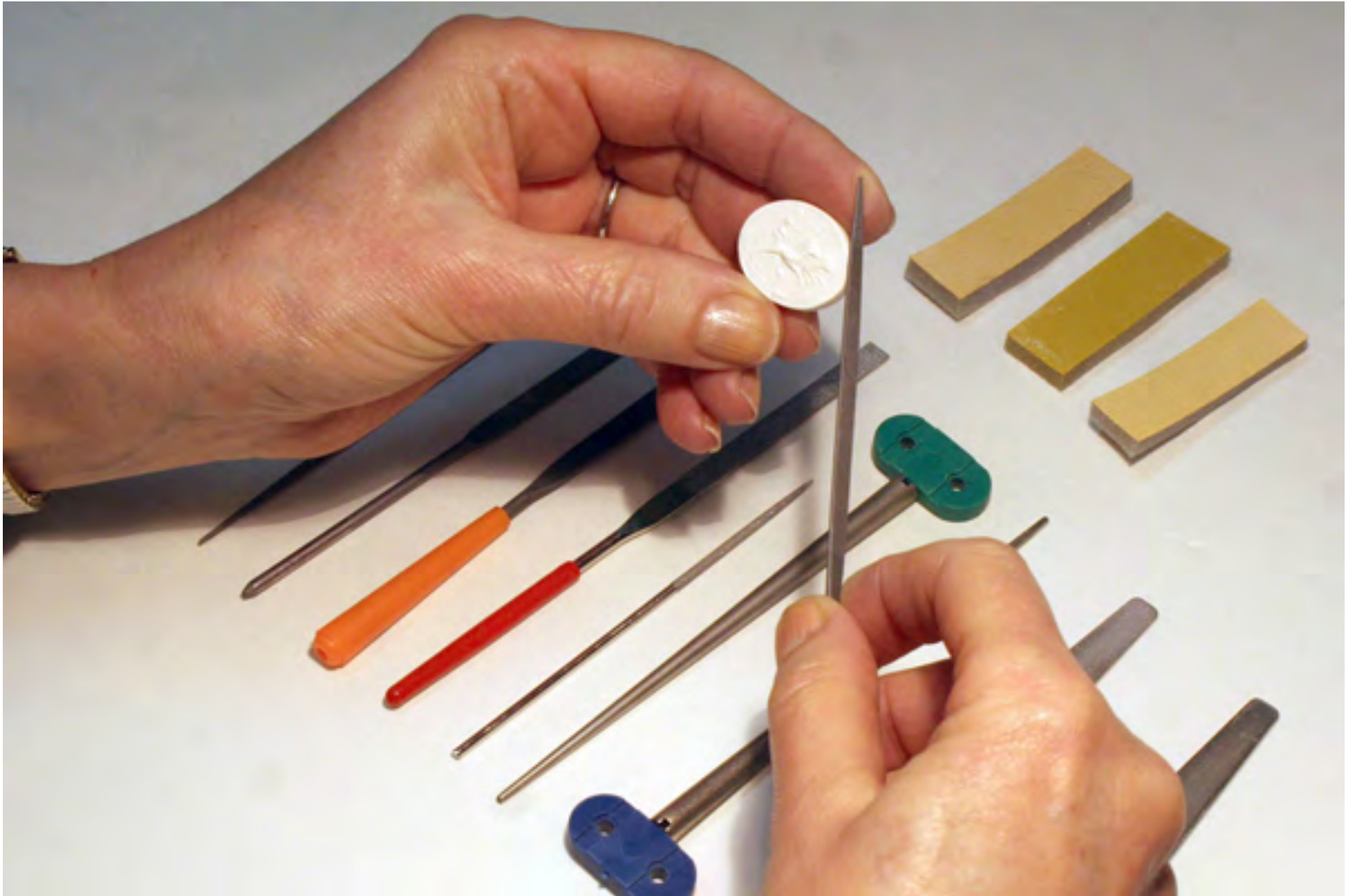
Paint plaster on surface of the 2nd mold to cover image and prevent bubbles.



Pour plaster to fill within foam wall.



Carefully separate the plaster cast from the 2nd mold.



After removing foam ring, sand edges of the plaster cast with files and sand papers. Image may be burnished with cotton swabs.





Supplies

- Silicone Rubber Molding Compound (*SmoothOn OOMOO30*)
- Plaster (*Die Stone with resin*)
- Release Agent (*petroleum jelly*)
- Mineral Spirits
- Small Paper Cups
- Wood Sticks
- Small Rubber Spatula
- Foam Tape
- Small Paint Brushes
- Files and Sand Papers (various grits)
- Cotton Swabs

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