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RTV-2 Silicones Since 1974

Fine Art Foundry/Sculptor Tooling Silicones

GI-739 and **GI-765** Bases were specifically designed for making skin/glove-type molds. They are thick silicone bases that can be thinned with **GI-1120** Base and/or **GI-1000** Base. Activation is done with **GI-179** Activator for a longer library life.

Versus other systems, this combination offers several advantages:

Either base silicone can be used straight, in their existing form, or they can be blended in **any** proportion to create a full range of viscosities.

- ❖ GI-1120 and GI-1000 Bases are very thin and will comprise most of a typical first, print coat.
- ❖ GI-739 and GI-765 Bases are very thick and builds backup coats very quickly, yet spreading with ease, like cake frosting.

Since GI-1120, GI-739, GI-1000 and GI-765 are all “pure” silicones, when activated with GI-179A, they contain ***no chemical thickeners*** which impair physical properties and shorten library life, as is seen with other thixo or thickening additives.

In addition, this system offers excellent coat-to-coat adhesion.

Activation with GI-179 A is done at the ratio of 10 parts base mix to 1 part activator, by weight.

If GI-1120/GI-1000 Bases are used straight for first, print coats, it will be very thin, and most of it will run off. To prevent this, a good starting mix would be 9 parts GI-1120 Base + 1 part GI-739 Base or 9 parts GI-1000 Base + 1 part GI-765 Base. If thicker consistency is desired, use more GI-739/GI-765 and less GI-1120/GI-1000.

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