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Important Information

- You may use a small butane gas torch to fire Art Clay Silver Standard, Slow Dry or 650 Low Fire Series creations that are no larger than a Silver dollar and weigh no more than 25 grams.
- Items that cannot be fired with a torch include projects made over Cork Clay, paper, or large quantities of organic material, and projects that include glass, ceramic or porcelain.
- You can fire pure silver findings and small gemstones (5mm or under) with the torch. Sterling (SV925) should not be torch fired.
- Small, appliqué-sized pieces of Paper Type can be torched, but whole sheets or large pieces must be kiln fired.
- A fired, finished piece can be added to and fired over and over again and pure silver settings can be included, fired with a torch and the stone set after the piece is finished.
- Art Clay Gold as a paste can be fired onto Art Clay Silver in greenware or fired forms and then burnished with an agate burnisher.

Directions

1. Place the completely dry piece on a fiberboard firing brick.
2. Be sure to read the instructions included with the torch before you begin to fire. When you purchase a torch it is empty. The fuel required is cigarette lighter butane. This is available in the tobacco sections in drug stores, grocery stores and chain stores such as Wal-Mart. Larger containers of butane can be purchased at a camping store.
3. Switch on the gas torch and direct the flame at a 45° angle at a distance of about 2 inches. This distance will vary depending on the torch you are using and the size of the piece.
4. Rotate the flame around the piece to heat evenly. You will see a little smoke and flame as the non-toxic organic binder burns away. The piece will turn white. When the piece starts to glow peach on the inside, begin to time the firing. Continue to heat for the recommended length of time. You will have to alter the distance you are holding the torch to maintain the glow but not overheat the piece. The melting temperature of silver is 1760°F. Melting is imminent if the piece begins to get shiny and bubble. If that happens, increase the distance between the piece and the torch immediately until the glow is just visible and continue firing until completed.

Firing Times

Clay Volume	Firing Times
up to 5 grams	1 - 1.5 minutes
6 - 15 grams	1.5 - 2 minutes
16 - 25 grams	2 - 4 minutes

Tips

- Place pieces containing fireable gemstones face down on the fire brick. After firing pieces with gemstones, it is a good idea to let the piece cool slowly between two pieces of fiber blanket.
- Dim the lights in the room, if necessary, so the glow can be seen more easily.