

ART CLAY GOLD PASTE ~ A-109

ADDITIONAL GUIDELINES FOR SUCCESS

The following information is in addition to the instruction sheet that is enclosed within the Art Clay Gold Paste packaging. If during use, questions arise, contact your local distributor or Art Clay World, USA directly via phone toll-free: 866-381-0100 (USA) or e-mail: info@artclayworld.com.

Art Clay Gold Paste on Glass, Porcelain, or Ceramics	Art Clay Gold Paste on Pre-Fired Art Clay Silver
Art Clay Gold Paste was designed to overlay over Glass, Porcelain and glazed Ceramics. The glass used in manufacturer testing was COE90 ; for use on glass with a different COE, test fire first.	Art Clay Gold Paste may only be used on Fired silver. If applied to unfired clay, it will flake off due to shrinkage of the silver and burn-off of the binder.
Preparation: <ul style="list-style-type: none"> ➤ Clean thoroughly with alcohol that does not contain additives. While some soaps (without additives) may also be used, plain alcohol is preferred. Allow piece to dry before proceeding. 	Preparation: <ul style="list-style-type: none"> ➤ Area must have a matte surface. If polished, re-fire the silver piece in a kiln for 5 minutes at 1436°F (780 °C), if the piece is made only with Art Clay Silver, or torch fire until the piece returns to the matte state. ➤ If the silver piece has other materials such as glass or porcelain, re-fire it for 30 minutes at 1292°F (700 °C). Allow to cool. ➤ Surface must be clean. If piece has been handled after firing, clean with alcohol to remove oils or dirt which may prevent adhesion of gold to surface.
Application: <ul style="list-style-type: none"> ➤ Gold Paste may be used either diluted or full strength depending on color intensity desired. For lighter gold, it is recommended to dilute with the medium in a ratio of 3 parts Gold Paste to 1 part medium. Use a separate container and stir completely to form a smooth mixture. ➤ The use of the medium will also enhance application for smoother drawing and longer strokes. Gold gradation may also be created with the medium. ➤ Thickness of application should be less than 0.5mm or half the thickness of a standard paperclip. If additional thickness is required for design or darker gold color, fire first, then add a second layer and re-fire. Applying a coating too thick on the first layer may cause areas to come off with a layer of the base material. 	Application: <ul style="list-style-type: none"> ➤ Apply Gold Paste in an undiluted state for maximum gold color on Art Clay Silver. For lighter gold color, thin with water, stirring well to form a smooth mixture. ➤ Thickness of application should be less than 0.5mm or half the thickness of a standard paperclip. ➤ To overlay additional Gold Paste onto the first fired layer for more color or texture, paint surface again with undiluted paste, dry completely and fire. ➤ Too thick of an application will result in chipping and flaking. It is better to re-apply a second coat and re-fire.
Drying: <ul style="list-style-type: none"> ➤ Undiluted Paste or Paste diluted with water only, may be dried with a dehydrator or hair dryer for at least 5 minutes at 1200 watts ~ held 3 inches away from surface. ➤ Paste diluted with the medium will take significantly longer to dry. Recommended time is at least 30 minutes or more with a dehydrator or 1200 watt hair dryer. Paste that has been diluted with the medium must be dried with heat. 	
Firing: <ul style="list-style-type: none"> ➤ Glass: Place glass in a cold kiln and fire to 1472°F (800°C) with a hold time of 5 minutes. Open kiln door and allow to cool (crash cool) to 1112°F (600°C) and close door. Allow to cool to room temperature before removing. ➤ Porcelain and Ceramic surfaces should be placed in a cold kiln. Fire to 1472°F (800°C) and turn off kiln. There is no hold time. You may open kiln when temperature reaches 212°F (100°C) or below. Air cool to room temperature. ➤ Glass, Porcelain & Ceramic pieces should be Kiln Fired Only. Gas Stove and Torch Firing are Not Recommended. 	Firing: <ul style="list-style-type: none"> ➤ The color of the Gold Paste will lighten when fired onto Art Clay Silver as the gold and silver together become an alloy. The longer and hotter they are fired together, the lighter the gold result. Strict adherence to firing instructions is critical. If Gold Paste on Art Clay Silver is placed into a cold kiln and allowed to fire, the gold will be very light. ➤ Place the piece into the kiln at 932°F (500°C) and allow the piece to heat to 1472°F (800°C). Hold for 10 minutes. Allow kiln to cool to room temperature before opening door! ➤ Gas Stove Firing: See Instruction Sheet. ➤ Torch Firing is Not Recommended.
Finishing: <ul style="list-style-type: none"> ➤ After firing, the surface will be matte in color. Obtain a gold luster by polishing with an agate burnisher, metal burnisher or wet/dry sandpaper. ➤ Use light gliding strokes to bring out the shine. ➤ Do not burnish gold too hard on glazed surfaces, as gold may chip off along with the glazed surface. 	Finishing: <ul style="list-style-type: none"> ➤ After firing, the surface will be matte in color. Obtain a gold luster by polishing with an agate burnisher, metal burnisher or wet/dry sandpaper. ➤ Use light gliding strokes to bring out the shine.
Clean Up of Tools: Keep a separate brush for your Art Clay Gold Paste. To clean a brush that has been used with only the Paste or Paste with water added, rinse the brush with water. For brushes that have been used with the Gold Paste and medium, rinse with a few drops of medium or alcohol in a small container.	