



Made In USA

RENAISSANCE™

(Formerly Roma Plastilina Soft, Medium, and Hard)

Sulfur-Based Traditional Modeling Clay

Renaissance™ (Formerly Roma Plastilina™) is a premium non-drying sulfur-based modeling clay series utilized by sculptors around the world to create highly detailed figures, larger statuary, architectural elements, & relief sculpture. Available in Soft, Medium & Hard, the **Renaissance™** series hardness range supports a multitude of sculpting & modeling techniques.

GENERAL PROCESSING RECOMMENDATIONS

WORKING WITH THE CLAY

Renaissance™ clay is not self-supporting so an armature will need to be constructed for figurative work. Traditional wood, metal, plastic, & silicone clay tools are recommended for working with the clay. The high sulfur content of **Renaissance™** produces a very "buttery," texture & helps resist oxidation allowing the clay to remain pliable.

SMOOTHING THE CLAY

Clay Rake tools, Scrapers, Spreaders, & hand pressure are often used to smooth out the clay surface & make it uniform. Naptha, clear mineral spirits, citrus-based solvents or 99% isopropyl alcohol brushed on the surface of the clay help to attain a smooth surface.

SOFTENING THE CLAY

Renaissance™ Soft is generally used at room temperature 73°F/23°C.

Renaissance™ Medium and **Hard** are most often warmed to a temperature of 115°F/46°C to soften it. When clay returns to room temperature it also returns to the initial firmness.

It is important to never overheat a sulfur-bearing clay as it can potentially burn the clay. Using a probe thermometer and observing the clay as it heats will also help to keep warming clay within temperature ranges. Watch and monitor your clay temperatures closely, never leave them unattended. Heating equipment should not be set above the highest maximum temperature of the clay to prevent it from burning. *Note: Sulfur-Based clay will discolor clay warming equipment and can build up (crystalize) on the interior of clay warmers and industrial ovens over time.*

- Microwaves Are Not Recommended Due To Uneven Heating And Potential Burning.

CLEAN UP

Renaissance™ clay can be cleaned from tools & surfaces with Naptha or 99% Isopropyl alcohol. Clay can bond to fabrics & stain clothing.

SHELF LIFE

Unopened: stored at room temperature away from sunlight or sources of UV, it will have a shelf life of 2 years. See chavant.com for details

Opened: over time, clay exposed to air will oxidize and the surface may eventually dry out. Once opened, place clay in airtight container or wrap completely in plastic wrap and store away from sunlight or sources of UV.

TECHNICAL OVERVIEW

Color:



Gray-Green

Durometer / Hardness	Soft:	8A
	Medium:	20A
	Hard:	35A

Tack Level: Low Tack

Wax Content: Low Wax Content

Density:	Soft:	95 lbs./cu. ft.
	Medium:	95 lbs./cu. ft.
	Hard:	95 lbs./cu. ft.

Specific Gravity:	Soft:	1.53 g/cc
	Medium:	1.53 g/cc
	Hard:	1.53 g/cc

Softening Temp:	Soft:	115°F / 46°C
	Medium:	115°F / 46°C
	Hard:	115°F / 46°C

Packaging: 2lb. block (0.9 kg.)

SAFETY FIRST

Keep Out Of Reach Of Children

Avoid overheating the clay, results in serious burns to the skin.

Renaissance™ contains sulfur, which may cause a stinging sensation in the eyes if brought into direct contact with the eyes. Wash hands after use. The Safety Data Sheet (SDS) for this or any Chavant product should be read prior to use and is available upon request from Smooth-On. All Smooth-On products are safe to use if directions are read and followed carefully.

Important: The information contained in this bulletin is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained from the use thereof, or that any such use will not infringe upon a patent. User shall determine the suitability of the product for the intended application and assume all risk and liability whatsoever in connection therewith.



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