

# Chavant

Clay Modeling Products

Since 1892, the finest name in Modeling Clay

## PRODUCT GUIDE



Meredith Bergmann  
Le Beau Touché



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Anthony Alemany - Her Tears



Sabin Howard - WWI Memorial  
NSP



# Frequently Asked Questions

**How much does clay weigh?** Although different clays have different densities, a good estimate is 90 pounds per cubic foot for standard clays and 30 - 40% less for lightweight clays.

**Can I mix different clays together?** Concerns with mixing clays are color, reactions to rubber, hard/soft areas and cohesion. They will generally stick to each other but proceed with caution.

**How do I smooth the surface?** Try water, alcohol, WD-40®, Goof-Off®, turpentine, lighter fluid, Avon Skin-So-Soft®, De-Solv-it® and other multipurpose citrus based solvents. Industrial clay will smooth simply by scraping tools.

**Why is sulfur used in some of the clays?** Sulfur is a non-toxic filler that enhances the surface texture of the clay.

**Why is sulfur removed from many of the clays?** Sulfur-free formulas are generally easier to make silicone rubber molds from and have less odor.

**TIP:** Always test paints and mold making material prior to use on an actual project.

## Guide to Chavant Clay Firmness (68°F / 20°C)


Softest

DaVinci™ Extra Soft	5A
DaVinci™ Soft	7A
Professional Plasteline	8A
Renaissance™ Soft	8A
Jolly King™	12A
Clayette™ Soft	14A
Fill-It™	17A
Le Beau Touché™	17A
Prima™	17A
Contour™ Soft	19A
Renaissance™ Medium	20A
Contour™ Medium	24A
NSP™ Soft	24A
Clayette™ Medium	26A
Fill-It™ HTR	27A
Le Beau Touché™ HTR	27A
CM-50™	29A
Clayette™ Hard	32A
NSP™ Medium	33A
Contour™ Hard	34A
Renaissance™ Hard	35A
CM-70™	37A
AutoStyle™ Soft	38A
J-525™	42A
AutoStyle™ Medium	43A
Alien Clay™ Soft	45A
NSP™ Hard	51A
AutoStyle™ Hard	51A
Y2 Klay™	53A
Alien Clay™ Medium	55A
AutoStyle™ 2	59A
Castilene™ Soft	66A
Alien Clay™ Hard	70A
Castilene™ Medium	78A
Castilene™ Hard	95A

Hardest

## Guide to Chavant Clay Density

water has a density of 62.5 lbs./cu. ft.  
and a specific gravity of 1 g/cm<sup>3</sup>

	Density (lbs./cu.ft.)	Specific Gravity (g/cm <sup>3</sup> )
Alien Clay™	72	1.15
Autostyle™, Y2 Klay™	65.5	1.05
Castilene™	68.6	1.10
Clayette™	103	1.65
CM-50™, CM-70™, J-525™ DeAired	96.7	1.55
DaVinci™ Extra Soft	93.6	1.50
DaVinci™ Soft	99.8	1.60
Jolly King™	102.3	1.64
Le Beau Touché™	93.6	1.50
Contour™	96.7	1.55
NSP™ Soft & Medium	96.7	1.55
NSP™ Hard	103	1.65
Prima™	101.1	1.62
Professional Plasteline™	87.4	1.40
Renaissance™ (Formerly Roma)	95.5	1.53

# Fine Art Sculpting Clays

Each type of Chavant Fine Art Sculpting Clay, also known as Plasteline, is suitable for all educational levels and professional sculptors in the Fine Art, Special Effect, and Product Design industries. Also consider the Industrial Design clays. Personal opinion generally dictates choice and clients appreciate the variety of materials. All will meet requirements for detail retention and surface development. Blocks are each individually wrapped.

## Sulfur-Free Clays

# NSP™



Green Brown

NSP™ is a globally well-accepted sulfur-free material used by the Special Effects and Fine Arts industries. It holds exceptional surface details and is somewhat waxier and tougher than other Chavant products. \*Green color differs in each hardness.

Available in  
SOFT • MEDIUM • HARD

Block Size	Aproximate Dimensions	Net Case Weight
2 pound block	2.5" x 2.75" x 5" (20/box)	40 pounds
10 pound block	4.5" x 4.5" x 11" (5/box)	50 pounds

# alien™ CLAY



Cool Gray

Available in  
SOFT • MEDIUM • HARD

Alien Clay™ is a precision sculpting medium used for a variety of sculpting and fabrication applications. It is one of the most versatile clays available (sculpt, brush, trowel or pour) allowing for quick build-up and sculpting perfect detail.

Size	Net Case Weight
0.475 pound (wedges x 10)	4.75 pounds in a specialty container
4.75 pounds (bars x 8)	38 pounds

# LeBeauTouché™



Green Brown Cream

Le Beau Touché™ is a sulfur-free, extremely smooth, flexible and tacky sculpting Fine Art Plasteline with exceptional adhesive quality. The HTR formula (formerly Le Beau Touché™ - HM) is less sensitive to heat variations and is suggested for use where working environments are expected to reach 90°F. The HTR formula is slightly firmer and less tacky than Le Beau Touché™ - Original. \*Cream color will vary.

Block Size	Aproximate Dimensions	Net Case Weight
2 pound block	2.5" x 2.75" x 5" (20/box)	40 pounds
10 pound block	4.5" x 4.5" x 11" (5/box)	50 pounds

# CLAYETTE™



Off-White

Available in  
SOFT • MEDIUM • HARD

Clayette™ modeling clay is sulfur-free, non-hardening, odor-free and flexible without being sticky. It has a very smooth silky surface texture and is produced in a natural off-white color.

Block Size	Aproximate Dimensions	Net Case Weight
2 pound block	2.5" x 2.75" x 5" (20/box)	40 pounds



# CONTOUR™



Warm Gray

Contour™ Clay (Formerly Monu-Melt™) is a precision sculpting medium that shapes, smooths, and carves easily to hold exceptional surface detail. Clay can be hand sculpted or tooled and applied to armatures of any size from tiny miniatures to giant monuments and memorials. Contour™ clays also scale up beautifully without sacrificing crisp edges or quality.

**Available in**  
SOFT • MEDIUM • HARD

**Block Size**  
2 pound block

**Aproximate Dimensions**  
2.5" x 2.75" x 5" (20/box)

**Net Case Weight**  
40 pounds

## Packaging

# PRIMA™



Natural Color (Tan)

Prima™ Plastilina is a premium-grade, smooth-working, oil-based modeling clay that never hardens or changes with air exposure. It has a medium tackiness, is sulfur-free with a neutral, non-offensive odor and a natural tan color. \*Natural (Tan) color will vary.

**Block Size**  
2 pound block

**Aproximate Dimensions**  
2.5" x 2.75" x 5" (20/box)

**Net Case Weight**  
40 pounds

## Packaging

# JOLLY KING™



Gray-Green

Jolly King™ plasteline offers the finest quality in an economical plasteline. The wax base, which is used in more costly plastelines, produces a smooth, pliable, non-hardening modeling material. Jolly King™ plasteline is sulfur-free.

**Block Size**  
1 pound block

**Aproximate Dimensions**  
3.75" x 3" x 1.5" (48/box)

**Net Case Weight**  
48 pounds

## Packaging

# Castilene™



Green

Castilene™ is a sulfur-free modeling compound that models like clay and works like wax. It is lightweight and compatible with silicones and other rubbers. The medium grade is great for detailing, and the hard grade is best for sharp detail.

**Available in**  
SOFT • MEDIUM • HARD

**Block Size**  
2.5 pound block

**Aproximate Dimensions**  
6.5" x 5" x 2.25" (16/box)

**Net Case Weight**  
40 pounds

## Packaging

# FILL-IT™



Off-White

Fill-It™ is a sulfur-free, wax based clay with excellent adhesive and feathering characteristics. It is a general use clay used by mold makers to seal mold boxes, build dams, set parting lines/shims and repair cracks. \*Off-White color will vary.

**Available in**  
SOFT • MEDIUM • HARD

**Block Size**  
1 pound block

**Aproximate Dimensions**  
4.5" x 3.75" x 1.25" (50/box)

**Net Case Weight**  
50 pounds

## Packaging

# Fine Art Sculpting Clays

## Sulfur-Based Clays

### RENAISSANCE™

Renaissance™ (Formerly Roma Plastilina) sulfur-based modeling clay has been used by fine art sculptors since the 1950's.



Gray-Green

Available in  
SOFT • MEDIUM • HARD

	<b>Packaging</b>		
<i>Block Size</i>	<i>Aproximate Dimensions</i>	<i>Net Case Weight</i>	
2 pound block	2.5" x 2.75" x 5" (20/box)	40 pounds	

### Professional Plasteline™

A superior, sulfur based, silky-smooth modeling compound. The material is soft, permanently pliable, reusable and requires no heating. Chavant's original formula and blending process assure Plasteline of consistent high quality.



Gray-Green Brown

	<b>Packaging</b>		
<i>Block Size</i>	<i>Aproximate Dimensions</i>	<i>Net Case Weight</i>	
1 pound block	1" x 3.75" x 4.5" (50/box)	50 pounds	
2 pound block	2.5" x 2.75" x 5" (20/box)	40 pounds	
5 pound block	4.5" x 4.5" x 5.5" (10/box)	50 pounds	
10 pound block	4.5" x 4.5" x 11" (5/box)	50 pounds	

### DaVinci™

Formulated in the 1920's, DaVinci™ is an original Italian Plastilina. Normal temperature ranges do not affect this unique, wax-free, sulfur-based sculpting clay which has a non-sticky, smooth feel of water based clay.



Dark Gray

Available in  
EXTRA SOFT • SOFT

	<b>Packaging</b>		
<i>Block Size</i>	<i>Aproximate Dimensions</i>	<i>Net Case Weight</i>	
2 pound block	2.5" x 2.75" x 5" (20/box)	40 pounds	

# Ballistic Body Armor Testing

## ROMA PLASTILINA™ NO.1

The Global Choice for Body Armor Testing.

Roma Plastilina™ No. 1 was established as a ballistic testing clay in 1977. Since then, it has been adopted by military and law enforcement agencies for evaluating body armor and helmets throughout the world. The clay is reliable, reusable and easy to use.

### Approved Standard

Roma Plastilina™ No. 1 is specified by National Institute of Justice (NIJ) Standard 0101.07 and ASTM E3004 for ballistics testing.

### Quality Control

Ingredients, formulas, and manufacturing processes are closely monitored by trained staff using the highest clay industry standards. Documentation and physical properties of all raw materials are evaluated and inspected at delivery. Certificate of Analysis records are kept with corresponding retained samples of raw materials for a period of not less than two years.

Newly manufactured clay is sequestered for a standardized period. Subsequently, each production lot of material is systematically tested for multiple working characteristic markers and compared with historical data to ensure consistency. Detailed production records and retained samples of all finished goods are preserved for a period of not less than two years.

*Certificate of Compliance available by request.*





# Industrial Design Styling Clay

Modeling clay remains an industry standard for three-dimensional design studies. The material perfectly complements modern CAD-CAM processes and allows for quick surface modifications. Industrial Styling Clays are manufactured in several formulations to suit the exact requirements of sculptors in the Transportation and Product Design industries. Formula selection depends largely upon personal preference, available equipment and working environment. Each formula has excellent qualities of adhesion, cohesion and consistency, can be milled, carved, extruded and slicked to an extremely accurate, glass-like finish. The clays join easily, will not show seams, will hold fine detail and will not crack under normal circumstances. They are reusable, can be modeled by hand, template dragging or CNC equipment, are non-toxic and create no dust. Surfaces can be finished with films, drafting tapes or paint. Surface data can be scanned or tooling molds can be acquired.

**Sulfur-Free**

**Lightweight – Low Odor - DeAired**

## AUTOSTYLE™



Light Brown

Available in  
SOFT • MEDIUM • HARD

### Packaging

*Billet (Cylinder Size)*

2 pound billet

*Aproximate Dimensions*

2.5" x 11" (20/box)

*Net Case Weight*

40 pounds

### Recommended Working Temperature

130°F - 140°F

## Y2 KLAY™



Dark Brown

Available in  
MEDIUM HARD

### Packaging

*Billet (Cylinder Size)*

2 pound billet

*Aproximate Dimensions*

2.5" x 11" (20/box)

*Net Case Weight*

40 pounds

### Recommended Working Temperature

130°F - 140°F





## Sulfur-Based

Industrial Styling Clays are most often manufactured by removing entrapped air, making the clay denser, smoother and ideal for achieving excellent surfaces and fine extrusions (See page 2 for Hardness and Density Charts).

### DeAired

#### Packaging

**Billet (Cylinder Size)**  
2.5 pound block

**Approximate Dimensions**  
2.5" x 12" (20/box)

**Net Case Weight**  
50 pounds

### Non DeAired

#### Packaging

**Block Size**  
2 pound block

**Approximate Dimensions**  
2.5" x 2.75" x 5" (20/box)

**Net Case Weight**  
40 pounds

# CM-50™

Available in  
MEDIUM-HARD



# CM-70™

Available in  
EXTRA -HARD



# J-525™

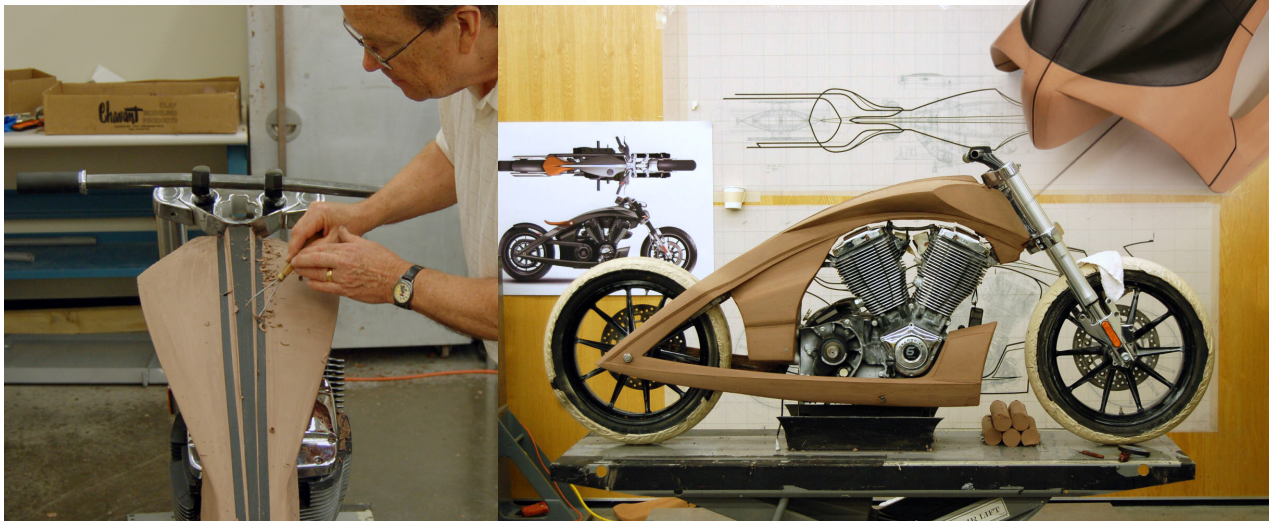
Available in  
HARD  
(Only Available in Billet DeAired)



Polaris Industries  
CM-70



Ron Williams Design  
J-525









# Chavant

Clay Modeling Products

*Since 1892, the finest name in Modeling Clay*

Dora Natella - Spirit of Indiana  
Le Beau Touché

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Steve Gevuttz - Sisters of the Crown  
NSP

*Chavant is dedicated to manufacturing the finest modeling clay in the world.  
It is our goal to educate and technically support clients.  
Thank you for the opportunity to offer these services.*