



Made In USA

AUTOSTYLE™ Series

DeAired • Sulfur-Free • Non-Drying Industrial Clays

Chavant™ Autostyle™ Industrial Styling clays have the textural feel of traditional sulfur-based clays with none of the drawbacks. Available in two versions, **Autostyle™** & **Autostyle™ 2** clays are primarily used by product designers for the creation of automotive, motorsport, marine, aerospace, & consumer product models. These exceptional clays are also utilized for modelling artwork when a high quality surface (Class A surface), crisp edge, & smooth curvature is desired in a sculpture.

KEY DIFFERENCES

AUTOSTYLE™ SERIES COMPARISON

Autostyle™ stays soft longer to allow for more time to apply warmed clay to surfaces.

Autostyle™ 2 hardens faster for a shorter wait time before milling or hand tooling the clay.

GENERAL PROCESSING RECOMMENDATIONS

WORKING WITH THE CLAY

Autostyle™ clays are typically softened with heat & applied to armatures and are further tooled & refined after the clay cools. Clay has excellent adhesion and cohesion properties and can be applied in layers that easily bond to themselves.

Autostyle™ Clays can be CNC carved, milled, & machined.

SMOOTHING THE CLAY

Industrial clay tools are often used to smooth out the clay surface & make it uniform. Because of the firm nature of the clays, they can be smoothed & polished to a high sheen.

SOFTENING & HEATING THE CLAY

SOFTENING THE CLAY

Autostyle™ Original is warmed to of 140°F/60°C to soften it.
The Use Of Heat Resistant Gloves Is Recommended When Handling High Temperature Clays.

Accepted Heating Equipment

- Temperature-Controlled Crock Pots
- Scientific/Laboratory Oven
- Hot Box With Conventional Temperature Monitor
- Warming Oven Dedicated To Clay Only (*Do Not Use Home Oven*)
- Microwaves Are Not Recommended Due To Uneven Heating And Potential Burning.

TECHNICAL OVERVIEW

Color:



Light Brown

Durometer / Hardnesses:	Autostyle Soft	38A
	Autostyle Medium	43A
	Autostyle Hard	53A
	Autostyle 2	56A

Tack Level: Low Tack

Wax Content: Low

Density:	Soft	66 lbs/cu.ft.
	Medium	66 lbs/cu.ft.
	Hard	66 lbs/cu.ft.

Specific Gravity:	Soft	1.05 g/cc
	Medium	1.05 g/cc
	Hard	1.05 g/cc

Softening Temp:	Soft	140°F/60°C
	Medium	140°F/60°C
	Hard	140°F/60°C

Trowelable Temp:	Soft	165°F/74°C
	Medium	165°F/74°C
	Hard	165°F/74°C

Brushable Temp:	Soft	190°F/88°C
	Medium	190°F/88°C
	Hard	190°F/88°C

Max Temp: 220°F/104°C

Packaging: 2lb. billets (.907kg)
20 Pieces per Net 40lb. case

Billet Size Approximately 2.5 x 11 inch (64mm x 295mm) Cylinder

Autostyle™ Clays may cause an allergic reaction in people with nut allergies. Anyone with a nut allergy is encouraged to not use the Autostyle™ Series.



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CLEAN UP

Clay can be cleaned from tools and surfaces with naphtha or 99% Isopropyl alcohol. Clay can mechanically bond to fabrics and 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.

SAFETY FIRST

Keep Out Of Reach Of Children

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

CLAY COOLING COMPARISON CHART

Linear Coefficient of Thermal Expansion: 2.20×10^{-4} cm/cm-°C between 73-142 °F (23-61 °C)

