



# MONSTER CLAY®

## STANDARD AND PREMIUM GRADE MODELING CLAYS

**DESCRIPTION:** Monster Clay® **Standard Grade** and Monster Clay® **Premium Grade** Modeling Clays are sulfur free, medium firm, Professional Oil Based Clays. Both grades are composed entirely of **non-toxic and organic components**. The Standard Grade shares many of the same characteristics of our new Premium Grade Modeling Clay, but is tan in color, has a softer feel when warmed with increased elasticity and tack. Monster Clay Premium Grade has a drier, low tack feel, with a lower melt temperature. Monster Clay Premium will not stick to tools or fingers and is a mid tone brick red color

### PRODUCT FEATURES

**Low Density** - Monster Clay® has a lower density than comparable clays. Each block of clay contains approximately 25% more material per pound than comparable brands, making it one of the most cost effective choices in reusable clays.

**High Elasticity** - Another unique quality of Monster Clay® not found in other clays, is its high elasticity. This gives the clay an unusual ability to stretch like taffy when warmed and allows for the creation of unusual shapes that would otherwise be difficult to accomplish. Monster Clay® Standard offers added stretch compared to Monster Clay® Premium Grade.

**Smooth Composition** - Monster Clay® is a smooth body clay that can be easily worked when softened with mild heat. For surface smoothing, compatible solvents include 99% alcohol, Citrus Solve and Mineral Spirits which can be used to soften details and dissolve the clay surface.

**Sulfur Free** - Monster Clay® is sulfur free and is therefore compatible with platinum based silicone compounds.

**Firm at average room temperature** - Monster Clay® remains firm at average room temperature to allow for greater detail without easily bruising.

**Non-Polymerizing/Non-Oxidizing Formula** - Unlike many oil based clays, Monster Clay® will not become brittle, dry out or lose plasticity over time. Monster Clay® is formulated to retain its original composition indefinitely.

**Melts easily to a pourable consistency** - Monster Clay® can easily be melted and poured into any type of flexible mold material such as silicone, alginate and urethane, without the need for mold release. Monster Clay® is re-meltable and will return to its original solid state upon cooling. It can be re-used indefinitely without change in composition. Monster Clay® is an ideal medium for lifecast reproduction where changes are needed prior to tooling and is perfect for rapid prototype duplication where additional detail and sculptural enhancements are desired.

**Temperature Responsive** - Monster Clay® is easily softened with low heat for high workability and quick build up. Softening can be achieved with the use of a crock pot (low setting only), a lightbox or a gas style oven. **Monster Clay® Standard Grade** melts at approximately **155°F**. **Monster Clay Premium Melts at 135.°F** The optimal temperature for melting and pouring is around **150°F**. **Never exceed 185°F**. Be sure to periodically mix the clay during melting with careful temperature monitoring. Comfortable handling temperature should not exceed **115°F**. To avoid component separation be sure to completely mix the clay in its melted state before pouring into your mold. **Please note that Monster Clay Premium Grade has an opposite relationship to heat. Higher heat will cause it to become thicker and must be heated to a lower temperature than the Standard Grade. DO NOT OVERHEAT!**

#### MICROWAVE OVEN WARNING!

Monster Clay® will rapidly soften and melt in microwave ovens. **Extreme caution must be used with microwaves to avoid over heating**. Over heated clay can reach dangerously high temperatures that can cause severe burns to skin and create a fire hazard. **To avoid superheating the clay, microwave no longer than 30 seconds at a time for a fist size piece. A full block of clay packaged in its original container can be heated 2 minutes at a time. Carefully monitor using a candy thermometer.** Use a microwave approved vessel only with heat resistant gloves and goggles when handling the heated clay. **Never place clay in the Microwave and walk away.** Heated clay will melt from the inside out, so molten clay may not be visible. Melting Monster Clay in a pot over an open flame should never be done as this can cause scorching and create a fire hazard. Scorching Monster Clay may permanently change its composition and alter its properties. **Please Note:** The ovenable container provided can be placed in an oven or microwave and will withstand heat up to 200°F. Never expose the container to an open flame. To remove clay from the original container, refrigerate or freeze overnight. **\*USE AT YOUR OWN RISK**

\*Melting wax/oil based clay can be dangerous and carries with it the potential for serious bodily injury. By purchasing this product the user agrees to assume all risks and use proper safety procedures. Monster Makers, Inc. and its employees assumes no liability for any damages of any kind arising from the use of this product, including, but not limited to direct, indirect, incidental, punitive, and consequential damages. This product is not intended for children under the age of eighteen. Use at your own risk.