



# MONSTER CLAY<sup>®</sup>

## SULFUR-FREE OIL-BASED ELASTIC CLAY

**DESCRIPTION:** Monster Clay<sup>®</sup> Premium Grade Modeling Clay is a re-usable sulfur free, professional oil based sculpting medium. Composed entirely of non-toxic, food grade components, Monster Clay has an ultra smooth formulation that features a low melt temperature and a low tack feel that will not stick to tools or fingers. Each 4.5 pound quantity of Monster Clay is individually packaged in a convenient, reusable ovenable container. Monster Clay is now available in Soft, Medium, and Hard in both Brown and Gray.

### PRODUCT FEATURES

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

**High Elasticity** - Another unique quality of Monster Clay 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.

**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 precise detailing with fine sculpting tools.

**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 reused 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 a light bulb or a gas style oven. All grades of Monster Clay melt at 135°F. The optimal temperature for melting and pouring is around 150°F. **Never exceed 180°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. **Monster Clay is packaged in an ovenable tray that can withstand temperatures up to 200°F.**

### MICROWAVE OVEN WARNING!

Monster Clay will rapidly soften and melt in microwave ovens. **A high degree of caution must be used with microwaves to avoid over heating.** Over heated clay can reach dangerously high temperatures that can cause severe burns to the skin and create a fire hazard. **To avoid superheating the clay, microwave no longer than 15 seconds at a time for a fist-sized piece. A full block of clay packaged in its original container can be heated up to 3 minutes at a time on high setting. Less clay will melt significantly faster. Carefully monitor using a candy thermometer.** Use the included container or a microwave approved vessel only with heat resistant gloves and goggles when handling the heated clay. **BE SURE TO NEVER PLACE CLAY IN THE MICROWAVE AND WALK AWAY!** Heated clay will melt from the inside out, so molten clay may not be visible. To avoid a fire hazard, **never melt Monster clay in a pot over an open flame.** When using a conventional oven, place the clay tub on a cookie sheet first. Never place the tub directly on an oven rack. **Please Note:** the ovenable container provided can withstand heat up to 250°F. **Never expose the container to an open flame.** To remove clay intact from the original container, refrigerate or freeze overnight.

**\*USE RESPONSIBLY AT YOUR OWN RISK**

## WORLDS FINEST REUSABLE SCULPTING MEDIUM

\*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 assume 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.

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