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## MONSTER CLAY

### DESCRIPTION:

Monster Clay Premium Grade Modeling Clay is a reusable, sulphur-free, professional oil-based sculpting medium. Monster Clay is entirely composed of non-toxic, food-safe components and has an ultra-smooth formula with a low melting temperature and a low stickiness that does not stick to tools or fingers. Each Monster Clay Premium is individually packaged in 2.27 kg in a convenient, reusable kiln container.

### PRODUCT FEATURES:

- ✓ **Low Density:** Monster Clay has a lower density than the average oil-based clay. Each block of clay contains about 25% more material per kilo than comparable products, making it one of the most cost-effective choices in reusable clay.
- ✓ **High elasticity:** Another unique quality of Monster Clay is its high elasticity. This gives the clay an unusual ability to stretch like taffy when heated and makes it possible to create unusual shapes that would otherwise be difficult to achieve.
- ✓ **Smooth composition:** Monster Clay is a smooth body clay that can be easily worked when softened with mild heat. For smoothing the surface, compatible solvents include 99% alcohol, Citrus Solve and Mineral Spirits, which can be used to soften details and dissolve the clay surface.
- ✓ **Sulphur-free:** Monster Clay is sulphur-free and is therefore compatible with platinum-based silicone compounds.
- ✓ **Firm at medium room temperature:** Monster Clay remains firm at medium room temperature to allow precise detailing with fine sculpting tools.
- ✓ **Non-polymerising / non-oxidising formula:** unlike many oil-based clays, Monster Clay will not become brittle, dry out or lose its plasticity over time. Monster Clay is formulated to retain its original composition indefinitely.
- ✓ **Melts easily to a pourable consistency:** Monster Clay can be easily melted and poured into any type of flexible moulding material, such as silicone, alginate and urethane, without the need to loosen the mould. Monster Clay is re-meltable and returns to its original solid state after cooling. It can be reused indefinitely without a change in composition. Monster Clay is an ideal medium for Lifecast reproduction where changes are required prior to machining, and is perfect for rapid prototyping where additional detail and sculptural enhancements are desired.
- ✓ **Temperature-sensitive:** Monster Clay is easily softened with an incandescent lamp or a gas oven. Monster Clay Premium melts at 57°C (135°F). The optimum temperature for melting and casting is approximately 65°C (150°F). Never exceed 107°C (225°F). Be sure to mix the clay regularly during melting with careful temperature monitoring. Comfortable handling temperature should not exceed 46°C (115°F). To prevent separation of components, mix the clay completely in its melted state before pouring it into your mold. Monster Clay is packaged in a container that can withstand temperatures up to 121°C (250°F).

### MICROWAVE OVEN WARNING!

Monster Clay will quickly soften and melt in microwaves. ***Great care should be taken*** with microwaves to avoid overheating. Overheated clay can reach dangerously high temperatures that can cause serious skin burns and fire hazards. **To prevent overheating of the clay, do not microwave a piece of the first size for more than 15 seconds at a time. A complete block of clay packed in its original packaging can be heated on high setting for up to 3 minutes at a time. Less clay melts considerably faster. Check carefully with a sugar thermometer.** Use the supplied container or a microwave-approved container only with heat-resistant gloves and safety goggles when handling the heated clay. **NEVER PUT THE CLAY IN THE MICROWAVE AND WALK AWAY!** Heated clay melts from the inside out, so melted clay may not be visible. To avoid fire hazard, **never melt Monster Clay in a pot over an open flame.** If you are using a conventional oven, place the clay pot on a baking tray first. Never place the tub directly on an oven rack. **Please note that** the ovenproof container supplied can withstand heat



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up to 121°C (250°F). **Never expose the container to open fire.** To remove clay intact from the original container, store overnight in the refrigerator or freezer.