

Product Name

Monster Clay®

Product Description

Monster Clay® 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 pack of Monster Clay® Premium is individually packaged in a convenient, reusable ovenable container.

Features include:

- Sulfur free
- Non-toxic
- Food grade
- Compatible with platinum based silicone compounds

Low Density

Monster Clay® has a lower density than the average oil based clay. Each block of clay contains approximately 25% more material per kg 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 the unusual ability to stretch 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 mould material such as silicone, alginate and urethane, without the need for mould 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. Monster Clay® Premium melts at 57°C. The optimal temperature for melting and pouring is around 66°C. Never exceed 107°C. Be sure to periodically mix the clay during melting with careful temperature monitoring. Comfortable handling temperature should not exceed 46°C. To avoid component separation

be sure to completely mix the clay in its melted state before pouring into your mould. Monster Clay® is packaged in an ovenable tray that can withstand temperature up to 120°C.

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1

Disclaimer

The data presented in this leaflet are in accordance with the present state of our knowledge, and does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the product for a particular purpose.

Information from Monster Makers, Inc