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MONSTER MAKERS ALGINATE

DESCRIPTION:

Prosthetic grade alginate, Monster Gel CSF Regular, mixes easily by hand to a very creamy consistency. Works with warm water at 26°C (80°F). Great for head casts and body casting. Working time is 4-5 minutes.

WORKING METHOD:

Mix approx. ratio of 2 parts water to 1 part alginate until mixture gives a creamy consistency similar to yogurt. Longer casts or body casts require a casing of plaster casts, allowing the alginate sufficient time to harden. Although this alginate has a high initial tear strength, removing it from the mold must be done carefully to avoid tearing.

MODEL PREPARATION:

Monster Gel CSF can be applied to most surfaces with little preparation, as the material does not stick to itself or most other non-porous materials. A small test should always be performed to ensure proper release. A thin layer of petroleum jelly should be sufficient as a release, if necessary. Br narrowly for lifecasting, apply a thin layer of skin moisturizer to the skin and apply a generous amount of petroleum jelly to all exposed facial hair and eyebrows. Do not apply alginate directly to hair.

MIXING AND CURING:

Weigh or measure the appropriate amounts of alginate powder and mix with cool to room temperature water. Warmer water will significantly reduce curing time. Do not use hot water, as alginate can cure too quickly. Mix quickly and make sure no air bubbles form. Apply to the surface with a smooth motion pushing out air in front of the material. Note: Please consider the amount of material needed as the alginate will not adhere to itself after curing without special binders. Monster Gel CSF Regular alginate is an organic product and should only be used as a temporary mould material. To prevent shrinkage and deformation in castings it is best to make a positive mould immediately. The mold can be kept usable for a few days in water, plastic bags or an airtight container. Wax, plaster, and wax- or oil-based clays below 100°C (212°F) can be poured into alginate molds. Molds should be discarded immediately after use.