

MOLDGEL™ SLOSET & REGULAR SET MOLD COMPOUND NON-TOXIC – SAFE FOR BODY CONTACT

DESCRIPTION: MoldGel SloSet is a dry white powder refined from seaweed which when mixed with water in approximately 4 to 5 parts warm water to one part MoldGel weight ratio (16 ounces of water to 4.5 to 5 ounces of MoldGel by weight depending on the thickness you desire). To create a gallon of MoldGel mixture you need approximately one pound of MoldGel Powder. These mix ratios yields creamy mixes about the consistency of thick yogurt to thin peanut butter with a working time of up to 7-8 minutes. Allowing for a mix time of one minute, this provides an application time of about 6-7 minutes. Demolding can be accomplished; being careful, 2 to 3 minutes after the mix can no longer be worked. For making body casts, since you will need to apply a mother mold of plaster bandages or cheese cloth soaked in plaster to support the MoldGel mold, there will be more than sufficient time for the MoldGel to have set when the support mold is ready to demold.

FEATURES:

- Ease of use – all it needs is water
- Good Reproduction of Fine Detail
- Non-Toxic, safe for lifecasting
- A gradual transition time
- Early strength for quick demolds
- Safe for skin

MODEL PREPARATION: MoldGel can be applied to most surfaces with little preparation since MoldGel will not stick to most surfaces including itself. A small test cure should always be done prior to application to be sure the MoldGel releases cleanly. A thin coat of petroleum jelly or ArtMolds' Water Soluble Release MoldeZ™, should be applied to all skin surfaces. A thicker coat needs to be applied to hair to prevent the hair from ripping the MoldGel when it is demolded. Use petroleum jelly on eyebrows and eyelids as MoldeZ might cause a little stinging if got in the eye.

MIXING AND CURING: Weigh or measure proper amounts of MoldGel powder and warm water. Cold water will delay set time. Mix together rapidly, but avoid whipping in air. A JiffyMixer® on a variable speed drill is recommended. Thicken with more powder, thin with more water. Apply to surface with a flowing motion pushing air out ahead of material. For added set time use Algislo to provide additional time when needed.

MoldGel will not bond to itself unless the previous coat has not completely gelled. Thus, a large mold requiring more than one batch of MoldGel mix should be mixed within in the setting time of the previous batch. If this is not possible then coating the dried MoldGel with GelStik™ will aid in the bonding of the fresh mix to the gelled mix. As soon as the last coat of MoldGel is firm, apply the mother mold. When the mother mold has set, remove the MoldGel and for best dimensional stability, immediately make a positive casting.

USING THE MOLD: Plaster or waxes below 212°F may be poured in MoldGel molds. Castings should be made in the freshest possible mold for best results because as the MoldGel continues to dry it will shrink, distort and lose detail. Your mold may be kept usable in plastic bags or sealed in an airtight container up to a few days or frozen. Molds should then be discarded. Not applicable for resin casting unless it is an ultra fast set resin.

SAFETY AND CLEANUP: MoldGel powder may cause dust when being handled. If dust is present, wear a dust mask and avoid eye contact. MoldGel is not for human consumption or use against mucous membranes. Skin contact should be kept as short as possible. Hair must be slicked down with mold release. Keep your containers of MoldGel tightly closed as atmospheric moisture may cause lumping and deterioration of the product.

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KEEP OUT OF REACH OF CHILDREN