



The World's Finest Alginate for Making Molds from Life™

Adult Hand Casting Kit

STEP-BY-STEP INSTRUCTIONS



Please read these instructions carefully before beginning.

This Life Casting Kit Includes:

- HandGel™ 570 Alginate
- LiquiStone™ (large bag)
- LiquiStone™ (small bag)
- Grey Clay
- Thermometer
- Mixing Stick
- Plastic Mold Bucket
- Small Mixing Cup
- Instructions
- Safety Data Sheets



Watch the Video:
www.accu-cast.us/handkit

You will also need:

- Water at 70°F/21°C
- Petroleum Jelly
- Chip Brush
- Measuring Cup
- Scissors
- Dust Mask*
- Plastic Knife



***Note:** It is recommended to wear a dust mask when working with any powdered material.

STEP 1: Preparing for Mold Making

1



Remove all jewelry, bracelets and watches from hands. Decide on the specific hand position you wish to replicate in the mold.

2



Practice placing hand(s) in the Mold Bucket and maintain 1/2 in. (1.27cm) clearance from the sides and bottom of the container.

3



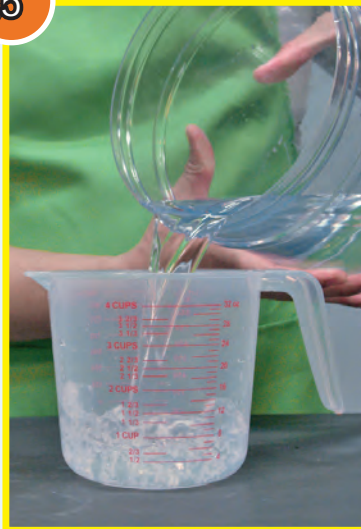
Apply petroleum jelly to the top quarter of the Mold Bucket to release the cured plaster from the bucket. (The area to cover is highlighted.)

4



For hand models with long fingernails, apply grey clay to the underside of the nail to reinforce the casting.

5



Measure out 3 qts. (2.84 L) of water and pour into the Mold Bucket. ***If you have HARD water or need to use a filter for your water, use bottled water.***

6



Check the temperature of the water using the supplied thermometer to be sure it is at 70°F/21°C.



STEP 2: Making the Alginate Mold: In Bag Mix

1



Roll down the sides of the alginate bag. Pour 3 qts. (2.84 L) of water directly into the alginate bag.

2



Unroll the bag and grip tightly at the top of the alginate. Roll in a circular motion to circulate water through the alginate.

3



Open the bag to release air, grip tightly at the top of the alginate and gather the loose parts of the bag together.

4



Grip the top of the bag tightly and turn the bag on one side, laying it flat against the table.

5



Use the flat side of your palm to aggressively mix the alginate by pressing and kneading the bag against the surface of the table. Mix for two minutes.

6



After mixing, bounce the bag against the table for about 20 seconds to help reduce air bubbles in the mixture.

STEP 2: Making the Alginate Mold: In Bag Mix



Carefully pour alginate into Mold Bucket. As you near the end of the pour, grab the back of the bag and squeeze downward to get all the alginate out.



Wet hands thoroughly, then slowly immerse hands into alginate to coat the entire hand in material.



Raise hands out of the bucket momentarily to help prevent air bubbles and then resubmerge the hands into the bucket and hold position.



Hold the pose steady until the material sets to a firm gel. Do not touch the sides and bottom of the bucket. Alginate will set in 5 min.



Once the mold is cured, gently wiggle hands and fingers to slowly remove the hand from the mold.



Mold is now ready for casting. Alginate molds are temporary, so cast into the mold immediately!



STEP 3: Casting LiquiStone™ Gypsum Cement

1



Measure 21 oz (0.62 L) of water.

2



Roll down the sides of the LiquiStone™ bag and pour water directly into the bag.

3



Allow LiquiStone™ to soak in the water for 2 minutes before mixing.

4



Unroll the bag and grip tightly at the top of the LiquiStone™. Roll in a circular motion to circulate water through the LiquiStone™.

5



Open the bag to release air, grip tightly at the top of the bag and lay it on it's side.

6



Use the flat side of your palm to aggressively mix the LiquiStone™ by pressing and kneading the bag against the surface of the table. Mix for two minutes.

STEP 3: Casting LiquiStone™ Gypsum Cement



Alternatively, you can mix the material using a turbine mixer and drill. Dispense water into a separate mixing bucket and sift the LiquiStone™ into the water.



After mixing, grab one corner of the bag and cut it off so the mixed material can be poured easily into the mold.



Carefully pour the LiquiStone™ into the mold. Fill the mold cavity about half way and stop.



Pick up the mold and rotate in all directions for about 10 seconds to help minimize air entrapment in the finished casting.



Set the mold down and continue pouring the LiquiStone™ to fill to the top of the bucket.



After pouring, gently tap the side of the bucket to help settle the LiquiStone™ in the mold. Allow LiquiStone™ to set for 3 hours at room temperature (73°F/23°C).



STEP 4: Demolding the Casting

1



After cure, invert the bucket and apply light pressure around the sides with the palm of your hands while pressing downward with your fingers to release the mold.

2



To facilitate demolding, use a plastic knife to carefully score the alginate mold on all sides. Carefully remove small chunks of alginate to reveal the casting.

3



Allow casting to air dry for 2 hours before handling.

Repairing Casting Use the small pack of LiquiStone™ to repair any defects in your casting.

4



Dispense a small amount of LiquiStone™ and mix a tiny amount of water into it to create a paste.

5



A small amount of LiquiStone™ is applied to the area to be fixed.

6



Use your finger to smooth and wipe away any excess material. Repaired area cures in 3 hours.



Adult Hand Casting Kit



Easily capture
perfect detail
in minutes!

The Accu-Cast™ Adult Hand Casting Kit contains everything you need to easily and quickly create your very own lifecastings.

Included in this kit are the HandGel™ 570 Alginate and LiquiStone™ Gypsum Cement.



Watch the Video:
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