



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

# Baby/Child Hand Casting Kit

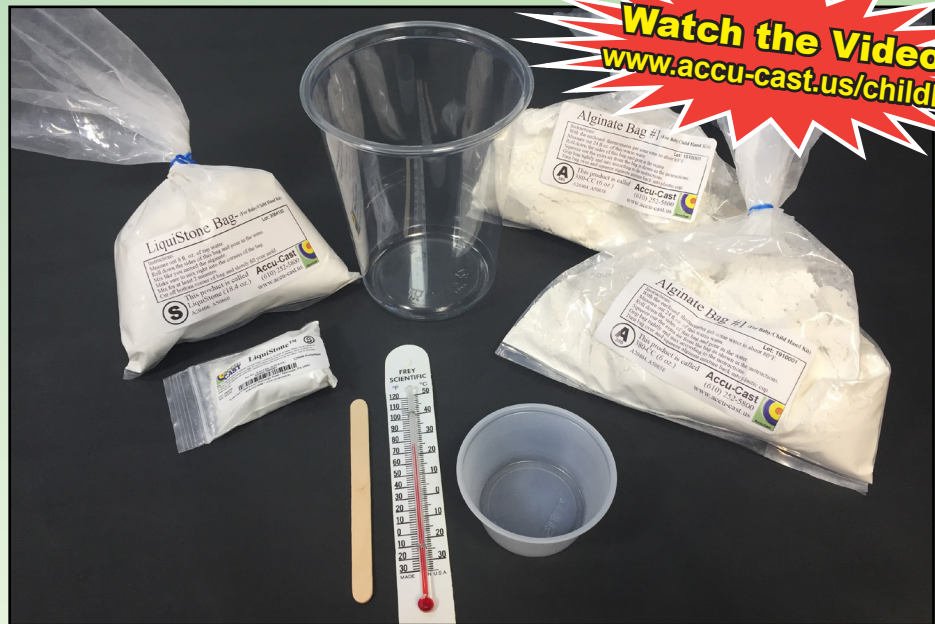


## STEP-BY-STEP INSTRUCTIONS

Please read these instructions carefully before beginning.

### *This Life Casting Kit Includes:*

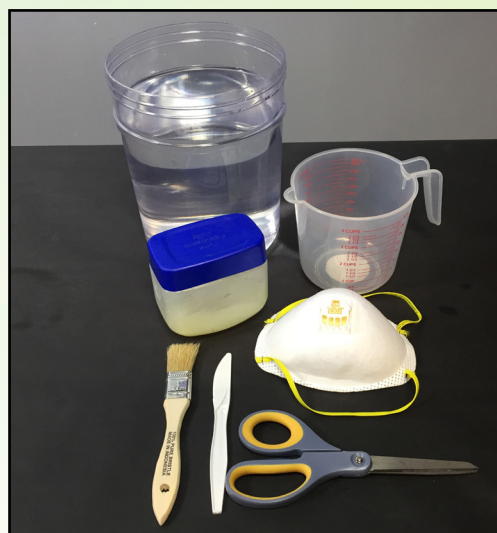
- BabyGel™ 380 Alginate
- LiquiStone™ (large bag)
- LiquiStone™ (small bag)
- Thermometer
- Mixing Stick
- Mold Container
- Small Mixing Cup
- Instructions
- Safety Data Sheets



**Watch the Video:**  
[www.accu-cast.us/childkit](http://www.accu-cast.us/childkit)

### *You will also need:*

- Water at 80°F/27°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



Decide on the specific hand position you wish to replicate in the mold.

2



Practice guiding the child's hand into the Mold Container and maintain 1/2 in. (1.27cm) clearance from the sides and bottom of the container. Your child will need to hold this pose for about 3 minutes.

3



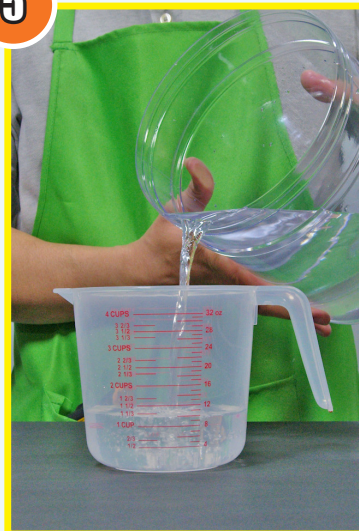
Apply petroleum jelly to the top quarter of the Mold Container to release the cured plaster from the cup. (The area to cover is highlighted.)

4



Check the temperature of the water using the supplied thermometer to be sure it is at 80°F/27°C.

5



Measure out 24 oz. (0.71 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



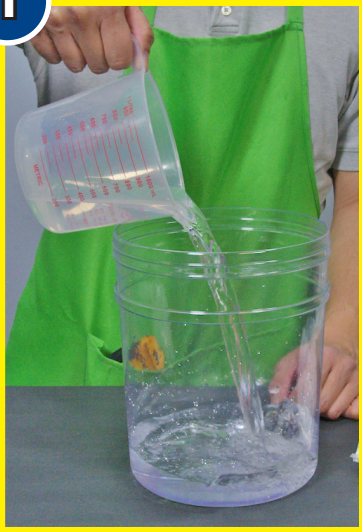
Thoroughly wet the child's hand with water to help minimize air entrapment.





## STEP 2: Making the Alginate Mold: Drill Mix

1



Pour 24 oz (0.71 L) of water into a clean mixing container.

2



Slowly sift BabyGel™ 380 alginate powder into the mixing container. Mix with a turbine mixer and variable speed drill.

3



After drill mixing, use a mixing stick to scrape the sides and bottom of the mixing container to ensure a thorough mix.

4



Pour the fully mixed BabyGel™ 380 alginate into the Mold Container.

5



Gently immerse the child's hand into the alginate mold.

6



Slowly raise the hand up from the alginate briefly to help prevent air bubbles and then resubmerge the hand into the alginate.



## STEP 2: Making the Alginate Mold



Be sure the hand does not touch the sides or bottom of the container. Keep the hand still until the alginate cures. BabyGel™ 380 turns from pink to white as it cures.



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



Measure 8 oz (0.24L) of water.



Pour 8 oz (0.24L) of water into a clean mixing container.



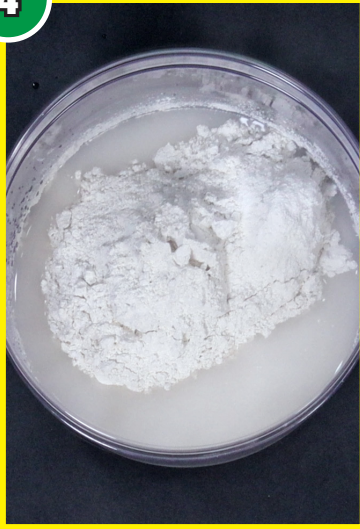
Slowly sift LiquiStone™ into the water.





## STEP 3: Casting LiquiStone™ Gypsum Cement

4



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

5



LiquiStone™ is mixed with a turbine mixer and variable speed drill.

6



After drill mixing, use a mixing stick to scrape the sides and bottom of the mixing container to ensure a thorough mix.

7



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

8



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

9



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



## STEP 3: Casting LiquiStone™ Gypsum Cement

10



After pouring, gently tap the side of the Mold Container to help settle the LiquiStone™ in the mold.

11



Allow LiquiStone™ to set for 3 hours at room temperature (73°F/23°C).

12



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

## STEP 4: Demolding the Casting

1



Use a plastic knife to carefully score the alginate mold on all sides.

2



Carefully remove small chunks of alginate to reveal the casting.

3



Allow casting to air dry for 2 hours before handling.





## Repairing the Casting using LiquiStone™ Gypsum Cement

4



Dispense a small amount of water into the small mixing cup .

5



Dispense a small amount of LiquiStone™ into the water.

6



Mix the material using a small mixing stick.

7



Add additional LiquiStone™ if necessary to create a thick paste.

8



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

9



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



## Baby/Child Hand Casting Kit



**Easily capture  
perfect detail  
in minutes!**

The Accu-Cast™ Baby/Child Hand Casting Kit contains everything you need to make a mold and lasting reproduction of your child's hand.

Included in this kit are the BabyGel™ 380 Color Changing Alginate and LiquiStone™ Gypsum Cement.



**Watch the Video:**  
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