

Make a ghost glove

- Make a 'ghost glove' by mixing and splitting carbonic acid!



YOU WILL NEED

- vinegar
- baking soda
- a glass
- a surgical glove

STEP 1



Pour three tablespoons (45 milliliters) of vinegar into the glass.

STEP 2



Spoon two teaspoons (10 milliliters) of baking soda into the glove. Hold the glove by the wrist and shake the baking soda down into the fingers.

STEP 3



Holding the fingers of the glove shut, stretch the wrist of the glove over the mouth of the glass.

STEP 4



Pull the glove up straight to let the baking soda fall into the vinegar and observe what happens.

WHAT TO EXPECT

As the baking soda reacts with the vinegar, it forms bubbles that inflate the glove.

WHAT'S GOING ON?

When sodium bicarbonate combines with acetic acid, they form carbonic acid, which, in the second part of the reaction, divides into carbon dioxide and water. The carbon dioxide bubbles up, inflating the glove. At the end sodium acetate is left in the jar.

