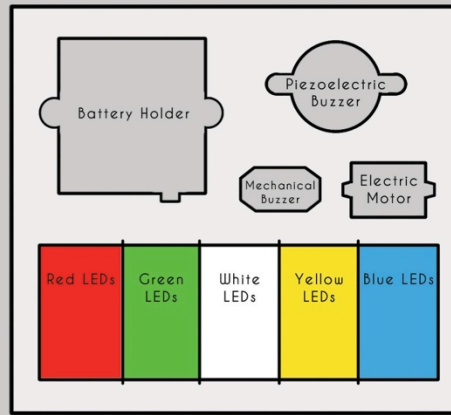


# Squishy Circuits Store

Expanding Creativity  
Play • Invent • Learn



Thank you for purchasing the Squishy Circuits Hardware Kit. We hope that you enjoy playing, inventing, and learning through Squishy Circuits. Please see the reverse side for the dough's recipes, courtesy of the University of St. Thomas. There are also many how-to guides and tutorials on the University of St. Thomas' Squishy Circuits site: <http://www.StThomas.edu/SquishyCircuits>

Please note that LEDs must be in the dough and should not be attached directly to the battery pack. Such action will cause them to burn out. Also, LEDs have polarity (meaning electricity will only flow one direction through them) so the longer lead should be on the positive (red) side of the circuit.

There are small parts in the kit, adult supervision is required.

If you have any questions, comments, or concerns please do not hesitate to contact us.

Squishy Circuits Store LLC - [www.SquishyCircuitsStore.com](http://www.SquishyCircuitsStore.com)

ContactUs@SquishyCircuitsStore.com

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## CONDUCTIVE DOUGH

1 Cup Water  
1 1/2 Cups Flour  
1/4 Cup Salt  
3 Tbsp. Cream of Tartar  
or 9 Tbps Lemon Juice  
1 Tbsp. Vegetable Oil  
Food Coloring (optional)

**STEP 1:** Mix Ingredients Holding Back  
1/2 Cup of Flour

**STEP 2:** Stir Continuously over Medium  
Heat until a Dough Ball Forms

**STEP 3:** Remove from Heat and Knead in  
Additional Flour until a Desired  
Consistency is Formed



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These recipes are provided courtesy of the University of St. Thomas' Squishy Circuits Program. Before making the dough, view the full directions and instructional videos by visiting their site: <http://www.StThomas.edu/SquishyCircuits>

## INSULATING DOUGH

1 1/2 Cups Flour  
1/2 Cup Sugar  
3 Tbsp. Vegetable Oil  
1/2 Cup Deionized  
(or Distilled) Water

**STEP 1:** Mix Solid Ingredients and Oil  
Holding Back 1/2 cup of Flour

**STEP 2:** Continue to Add Small Amounts  
of Water, Kneading Continuously

**STEP 3:** After a Dough Ball Can be  
Formed, Knead Flour into the  
Dough to Remove Stickiness

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