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 in 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.

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Squishy Circuits Store LLC is not Affiliated with the University of St Thomas’ Squishy Circuits Program

**Conductive Dough**

- 1 Cup Water
- 1 1/2 Cups Flour
- 1/4 Cup Salt
- 3 Tbsp. Cream of Tartar or 9 Tbsp 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

**Insulating Dough**

- 1 1/2 Cups Flour
- 1/2 Cup Sugar
- 3 Tbsp. Vegetable Oil
- 1 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

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