

Making Conductive Dough



Ingredients

1½ Cup (355 mL) Flour

1 Cup (237 mL) Water

¼ Cup (59 mL) Salt

3 Tbsp. (44 mL) Cream of Tartar*

1 Tbsp. (15 mL) Vegetable Oil

Optional: food coloring

* 9 Tbsp. (133 mL) of Lemon Juice may be substituted

Conductors allow electricity to pass through them.

In this recipe, the salt and water allow electricity to flow and bring your Squishy Circuit creations to life.

Many purchased doughs are salt based so they can be used (results may vary).



Step 1:

Mix water, 1 cup of flour, salt, cream of tartar, vegetable oil and food coloring (if using) in a medium-sized saucepan.

A non-stick pan works best.

Step 2:

Cook over medium heat, stirring continuously. The mixture will thicken, and lumps will begin to form.



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Step 3:

Continue heating and stirring until the mixture forms a ball and pulls away cleanly from the sides of the saucepan.

Step 4:

Turn the dough out onto a floured surface. Use caution, as it is very hot at this point.



Step 5:

Allow the dough to cool for a few minutes before kneading flour into it until the desired consistency is reached.

Storage:

Keep the dough in a sealed container or bag for several weeks. For longer periods, the dough can also be frozen.

While in storage, water from the dough may create condensation inside the container; this is normal. Knead the dough after removing it from the storage container to refresh its pliability.