

MAKING SpaceDough



Fashion
through science

What is SpaceDough?

SpaceDough is play dough made with a high salt content to increase conductivity.

Let's Get Started

1. Prepare a lightly floured surface for kneading.
2. Mix together water, 1 cup of flour, salt, cream of tartar, vegetable oil, and food coloring in the saucepan.
3. Cook over medium heat, stirring continuously.
4. As the mixture begins to boil, it will start to get chunky. Keep stirring until it forms a ball in the center of the pot.
5. Once a ball forms, move the play dough ball onto the floured surface. The ball will be very hot. Move the SpaceDough ball without using your hands and let it cool.
6. Once the ball has cooled off, knead the remaining flour into it until it reaches a smooth, pliable consistency.
7. Store the SpaceDough in an airtight container. If water collects inside the container, re-knead the dough. If stored properly, it will keep for several weeks.

Materials

Ingredients – Yields 8 portions

- 1 cup water
- 1 ½ cups Flour
- ¼ cup Salt
- 3 Tbsp. Cream of Tartar
- 1 Tbsp. Vegetable Oil
- Food Coloring (optional) – we like red!

Other materials

- Medium saucepan
- Mixing spoon
- Surface for kneading

Time: 15 minutes

**Special thanks to Ann-Marie Thomas for this recipe, which can be found on her website:
<http://courseweb.stthomas.edu/apthomas/SquishyCircuits/>

