

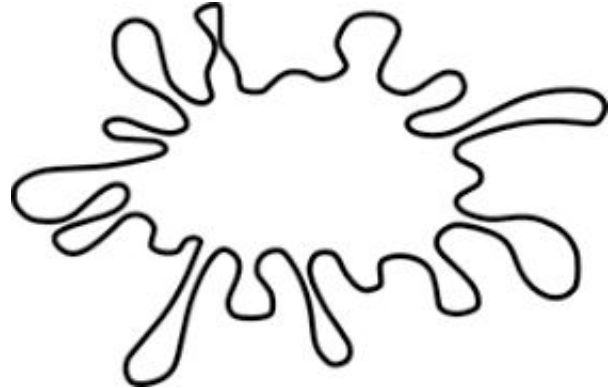


Make Your Own Gak!

Want to try this at home?

Materials:

- Liquid starch
- White school glue
- Liquid food coloring
- Sandwich bag



Directions:

- Put $\frac{1}{4}$ cup of liquid starch into a sandwich bag.
- Add 1-2 drops of food coloring.
- Add $\frac{1}{4}$ cup of glue into bag and mix (about 5 min).
- There may be a little liquid left, just discard.

Questions and Things to Think About:

Is Gak a solid or a liquid? What makes something solid? It is hard, keeps its shape, and stays together. What makes something liquid? It takes the shape of the container, has a wet texture, and flows.

Gak is a non-Newtonian fluid, meaning it's not really a solid or a liquid, but it has properties of both depending on the amount of force applied to it. – minds-in-bloom.com

Want more tests? Visit:

<http://minds-in-bloom.com/sliming-you-with-science/>

Borax-free Gak recipe from:

<https://www.skiptomylou.org/how-to-make-gak-slime/>