

Fluffy Slime

A fun, fluffy twist on slime!

Materials Needed

- Bowl
- Spoon
- 5 oz. bottle or about 2/3 cup of white school glue
- 1/8 cup water
- ½ tsp. baking soda
- 2 cups shaving cream
- 1-2 Tbsp. contact solution (must contain boric acid and sodium borate)
- Oil or lotion (optional)

The Steps

1. Mix together the glue, water and baking soda with a spoon.
2. Add in about 2 cups of shaving cream and mix.
3. Add 1 Tbsp. contact solution and continue to mix. You will see the slime start to form.
4. Keep mixing and add small amounts of contact solution as you mix.
5. Once the slime starts to separate from the side of the bowl, pick it up and knead it with your hands. This slime is a bit messy and takes a few minutes of kneading to get it to fully form.
6. (Optional) Try putting lotion or oil on your hands to help the slime stick less.
7. Continue to add small amounts of contact solution until the slime is not sticky at all but be careful not to add too much or the slime will not be as stretchy.
8. Once the slime is complete, store it in an airtight container and it will keep for at least a week.

The Hows and Whys

Slime is both a polymer and a non-Newtonian fluid. Non-Newtonian fluids behave very differently than normal fluids. Slime is created with glue, which is made of long polymers that can easily slide over each other. When contact solution is added, cross-links are formed between the polymers making them less fluid and more slime-like! Fluffy slime is made fluffy by all the air bubbles in the shaving cream. The fluffiness will only last a day or so as the shaving cream settles, but you can still store the slime and play with it in the future. It will just feel like regular slime as it ages. Also note that slime does stick to clothing so if you happen to get it on your clothes, just pour some vinegar on the spot and rub it in and the slime will dissipate and come right off.

