

3 Make gunky, gloopy slime

Create some spooky slime this Halloween.

What you need

- 145ml PVA glue
- 3 tbsp green paint
- ½ tsp bicarbonate of soda
- 3 tbsp contact lens solution (must contain boric acid)
- Measuring jug
- Two bowls
- Tablespoon
- Teaspoon
- Wooden stirrer

How does it work?

PVA glue is made of long stringy molecules, called polymers. These polymers can slide over and along each other, allowing the glue to flow slowly. However, when you add the activator, the boric acid in the contact lens solution starts to link the slippery strands together. As a result, the mixture gets thicker, until

it becomes that stretchy, bouncy, gloopy stuff we call slime. The bicarbonate of soda helps make the gunk get stiffer. Slime is a strange substance that is somewhere between a liquid and a solid. The more you squeeze it the harder it gets, but when you allow it to rest it flows like a liquid.



1 Measure out the glue in a measuring jug. Then pour it into a bowl and mix it together with the green paint.



2 In a separate bowl, mix bicarbonate of soda and contact lens solution. Stir well to dissolve the powder, then add it slowly to the glue mixture.



3 Keep stirring as the liquid glue mix becomes thicker. Then remove the gunk and work it in your hands to make a gloriously gloopy slime.



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How much slime can you make?