

Things to Try

Guide Goo

2 tablespoons Glue*
2 tablespoons water
1 or 2 drops of food coloring (*optional*)
1 teaspoon Borax
1 teaspoon of hot water

Mix glue and water in a small plastic container. Add food coloring and then mix well again. In a different container mix 1 teaspoon of Borax with the teaspoon of hot water. Stir this mixture into the first mixture. You can knead it until it is smooth and doesn't feel wet to the touch. Store in a container with a tight cover.

*The favorite glue for this Goo is Elmer's white glue. Generic can work fine too but may not be as stretchy. We used Elmer's clear glitter glue and it made a great sparkly Goo.

You have made a polymer! Polymers are a long and flexible molecules made up like a chain from smaller parts called monomers. Monomers are made up of carbon and hydrogen atoms. Polymers can be made up from only a few monomers or they can even include 1000s!

Super Slime

1 cup Cornstarch
1 or 2 drops food coloring (*optional*)
 $\frac{1}{2}$ cup water (*approximately*)

Put the cornstarch in a container. Add food coloring to the water and mix well. Slowly add the water until the cornstarch is all wet. Keep adding water until the mixture seems like a liquid when it is stirred slowly, but if you tap the surface it should feel firm. Add more water or more cornstarch until it feels right.

Try and pick the slime up. It will feel firm when you pick it up but it will then run through your fingers like a liquid.

This dries out very quickly but you can always add more water!

Is your slime a solid or is it really a liquid? It is both because it is a suspension. When you give it a little squeeze a bit of the water comes out and it appears as a solid. You let the pressure go and the water runs back in and you have a liquid once again.