

# Super Slime Recipe

## What You Need:

- ☐ Polyvinyl Alcohol
- ☐ Borax
- ☐ Food Coloring
- ☐ Beaker

This is the same clear gooey kind that you see in the movies. Try making the real gooey deal!

## What You Do:

1. Pour  $\frac{1}{2}$  cup of the polyvinyl alcohol (PVA) solution into a beaker, jar, or bowl.
2. If you want colored slime, add food coloring to the PVA solution and stir with a stir stick.
3. Add 2 teaspoons of the Sodium Tetraborate (Borax) Solution into the PVA solution and stir slowly.
4. Try lifting some of the solutions with the stir stick.
5. Note what happens. Once the slime has formed, you can play with it. Just don't eat it!
6. Your slime will last longer if you seal it in a plastic bag and keep it in the fridge, otherwise it will dry out or mold.

## Hazard Notice



This slime is non-toxic, but still, keep these slime ingredients away from unsupervised children and wash your hands after playing with the slime.

## SUPER SLIME RECIPE - CONTINUED

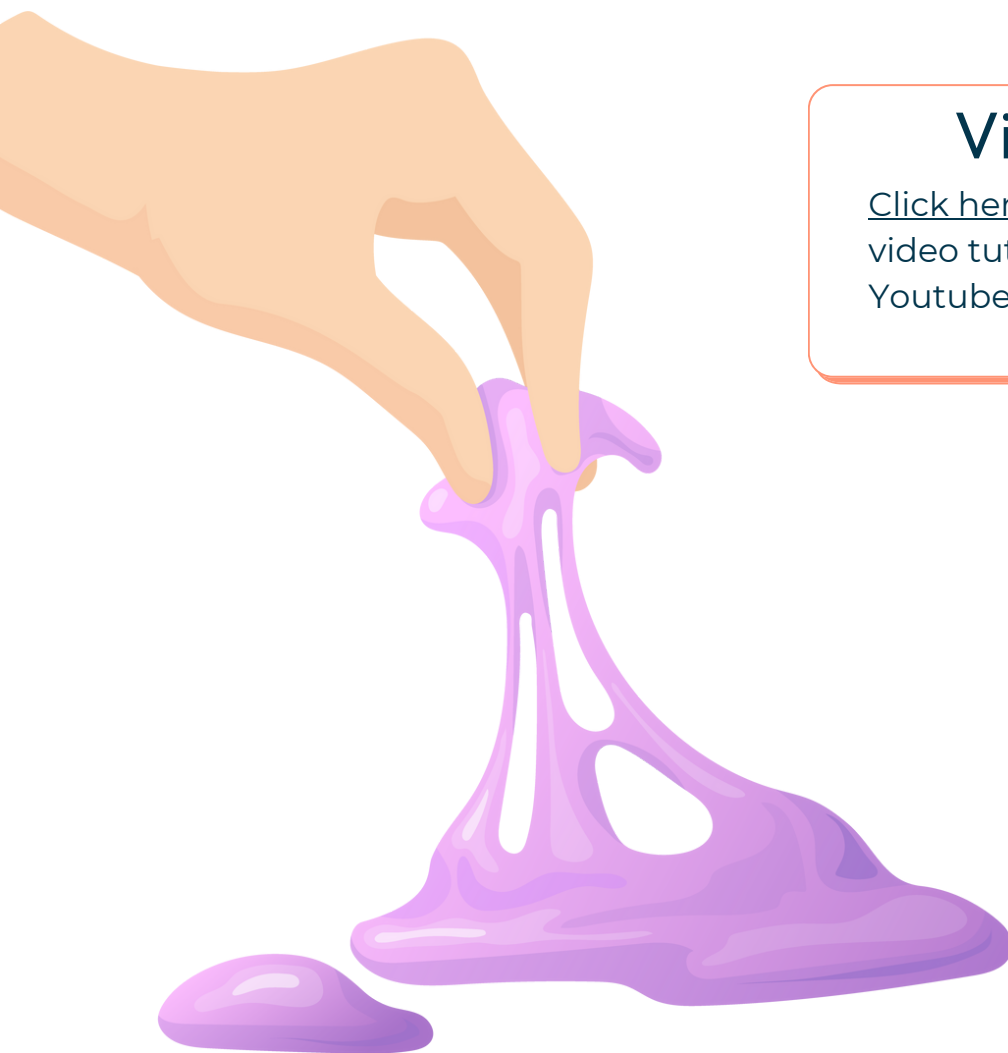
### Science Lesson

**Polyvinyl alcohol (PVA)** is a liquid polymer and is therefore formed from long chains of connected molecules.

The **sodium tetraborate** forms hydrogen bonds with oxygen present in the PVA chains. **Hydrogen bonds** occur when the positive charge of the hydrogen atoms attracts the negative charge of the oxygen atoms within the compound.

The hydrogen bonds link the individual PVA strands to each other, creating a “blob” of slime.

Since hydrogen bonds are weak, they will break and reform as you hold the slime or let it ooze onto a flat surface.



### Video Tutorial

[Click here](#) to watch a video tutorial on our Youtube Channel

