

Polymer Chemistry

Slime

<http://chemistry.about.com/cs/howtos/ht/slime.htm>

Materials:

- Sodium borate(borax)
- White glue
- Room Temperature Water
- Warm Water
- Food coloring (optional)
- Measuring devices
- Stirring Rod or Spatulas
- Beakers
- Zip-Lock plastic baggie

Procedure:

1. Pour 100ml of glue the glue into the Beaker
2. Pour 100ml of water and stir it into the glue.
3. If desired, add food coloring. Otherwise, the slime will be an opaque white.
4. In a separate Beaker, mix 125 ml of Warm water into Xg (ask Brian) of Sodium borate powder.
5. Slowly stir the glue mixture into the bowl of borax solution.
6. Place the slime that forms into your hands and knead until it feels dry. (Don't worry about the excess water remaining in the bowl.)
7. The more the slime is kneaded, the firmer and less sticky it will become.