Encouraging Tomorrow’s Chemists

**Polymers**

Preparation recipes

**A. Slime**
Polyvinyl alcohol solution:
Heat 1 L of water to not more than 90°C. While stirring, add 40 g polyvinyl alcohol. Stir until dissolved to yield 40 tubes of 25 mL.

Borax solution:
Dissolve 76 g Borax in 1 L water to yield 200 vials of 5 mL solution

**B. Superballs**
Sodium silicate solution:
Available from Aldrich in solution

Ethanol solution:
Just use 95% EtOH

**D. Nylon Pulling**
Hexamethylene diamine solution:
Dissolve 3 g hexamethylene diamine and 1 g NaOH in 50 mL of water

Sebacoyl chloride solution:
Dissolve 2 mL sebacoyl chloride solution in 50 mL hexane