GLACIER GOO recipe

**INGREDIENTS**
- 1/2 cup warm water
- 2 tsp Borax powder
- 1 qt plastic zip lock bag
- Food coloring (optional)
- 20-ounce cup
- 3/4 cup warm water
- 1 cup white glue
- 8-ounce cup
- 2 stirring sticks

**MIX ONE**
In a large cup, add 3/4 cup warm water and 1 cup glue (for color add 6 drops of food color). Stir until well mixed.

**MIX TWO**
1. In the small cup, measure 1/2 cup warm water. Add 2 tsp of Borax powder. Stir until the Borax is dissolved.
2. Combine mix 2 with mix 1. Stir until a glob forms and most of the water is mixed in. This happens quickly!
3. Knead and work the mix for 2-3 minutes. Most, if not all, of the water will be incorporated.
4. Place the glacier goo in the zip lock bag. (The mixture will store for a few months.)
GLACIERS are slow-moving masses of ice that exist where more snow falls than melts. They occupy about 10% of the Earth’s land, mostly in Greenland and Antarctica. Here, glaciers can be as much as 2 miles thick and weigh more than millions of tons. As they move, glaciers can widen and deepen valleys, flatten forests, and grind boulders into pebbles.

Gravity drives glaciers in two ways:
1. Sliding over the bedrock with melt water.
2. Ice builds up in the middle, forcing the edges to deform & flow downhill.

Did you know?
In the Polar Regions, glaciers are frozen to the bedrock and move very slowly, from 30 feet to a half mile each year. During a surge, glaciers can move as much as 250 feet per day for several years before returning to their normal flow.