

Oobleck

Instructions:

- Mix 1 cup cornstarch to 1/2 cup of water into a bowl.
- Mix the cornstarch and water until your oobleck is formed.
- Squeeze the oobleck in your hand and let it slowly “melt” away

Tip: If you would like to color your oobleck, add your food coloring to your water and then mix with the cornstarch.

Science:

Oobleck isn't a liquid or a solid, it's a non-Newtonian fluid, just like slime. At times, it may seem like a solid or a liquid but it acts differently than a normal solid or liquid. Making oobleck is a great science experiment to show how changes in **pressure** can change the properties of some materials.

Here's how to see the difference you can make by applying pressure to your oobleck: Apply quick pressure with a spoon and this will increase the oobleck's viscosity by forcing the cornstarch particles together. It will feel hard and you can even form the oobleck into a ball if you try with your hands. Release your pressure or slowly dip your spoon into the mixture and it will act like it's more like water. By moving slowly, the cornstarch particles have time to move out of the way.