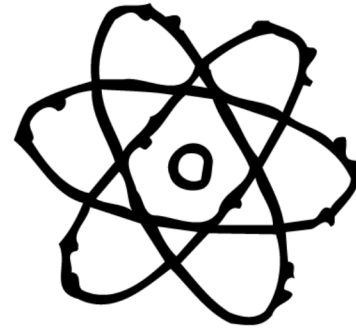


Oobleck



You have been learning about how adding or removing heat can cause changes to matter. Increasing or decreasing the pressure on matter can change the temperature at which matter changes states.

Oobleck is a non-Newtonian fluid or liquid. Under pressure it behaves like a solid. But remove the pressure and it turns to liquid.

2 cups cornstarch

1 cup water

or

75 g cornstarch

30 mL water

Add the water to a plastic sandwich bag. Next slowly add cornstarch to the water as you continue to mix the two together by gently squeezing. After the mixture is well mixed, you may need to add more cornstarch or water a little at a time to get the right consistency. It should be able to flow through your fingers, but solidify when you squeeze it.

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