

## Oobleck

### Equipment:

- 1 cup of water
- 1½ - 2 cups of corn flour
- food colouring (optional)
- bowl and spoon



### Instructions:

- Place water in the bowl and slowly add cornflour, stirring with a spoon until it is liquid (but goes solid when you stir too fast)
- Add food colour if you have some – you will have to mix it very slowly – watch the patterns as you stir it in (you might like to divide your oobleck to make a few different colours)
- Play with your oobleck (use a large tray for drips or go outside):
  - grab a handful, squeeze it, let it ooze out of your fingers
  - make a puddle and quickly drag or poke your fingers in it
  - put it into a plastic container and shake it or quickly bump it against a table
  - drip and dribble it over the tray
  - if you made different colours, see if you can mix them

### Ideas:

- Oobleck is a non-Newtonian fluid. It acts like a liquid when it is being poured but like a solid when a force is acting on it.
- Oobleck gets its name from the Dr. Seuss book *Bartholomew and the Oobleck* where a goeey green substance fell from the sky. You can read it here: <http://fliphtml5.com/pvcg/xivi>