

# BIODEGRADABLE PLASTIC



## Materials

- 1 Tablespoon cornstarch
- Paper cup or plastic bag
- 2 drops corn oil
- 1 Tablespoons water
- 2 drops food coloring

## DIRECTIONS

1. Place cornstarch in the paper cup or plastic bag.
2. Add oil to the cornstarch. Now add water to the oil/cornstarch mixture. Stir.
3. Add food coloring to this mixture and stir.

### Observations:

1. What do you notice about your biodegradable plastic?
2. Is your biodegradable plastic the same as other students' plastic?
3. What could you make with this plastic if you let it harden?
4. What products can you think of that are made from a similar plastic?

### Extension:

- Microwave your plastic for 20 to 25 seconds on High.
1. What happens to the plastic?
  2. Form your plastic into a ball and describe what happens.