

Corn Plastic

Make plastic using corn oil and corn starch

Materials:

- Cornstarch
- Sandwich size Ziploc® bag
- Corn oil
- Medicine dropper
- Measuring spoons
- Water
- Food coloring
- Microwave

1. Place a tablespoon of cornstarch in a Ziploc® bag.
2. Add two drops of corn oil to the cornstarch.
3. Add 1 1/2 tablespoons of water to the oil and cornstarch.
4. Stir the mixture.
5. Add two drops of your favorite food coloring to the mixture and stir well.

Scientific Observations . . .

1. What do you notice about your biodegradable plastic?
2. Is your biodegradable plastic the same as the other students' plastic?
3. What could you make with this biodegradable plastic if you let it harden?

Microwave your biodegradable plastic for 20-25 seconds on high.

1. What happens to your plastic?
2. Form your plastic into a ball and describe what it will do.

Get FREE

- Corn Ag Mags from your County Farm Bureau®
- Ideas for making a Corn Ag Bag at www.agintheclassroom.org
- A video which features corn entitled "Connecting to Agriculture" from your County Farm Bureau®
- A fact sheet about corn plastic from www.agintheclassroom.org

