

Fire Resistant Cotton Balls

Instructions

Materials:

2 Cotton balls

Sodium bicarbonate (baking soda)

Matches

Set Up:

1. Cover one cotton ball with baking soda powder by rolling gently the cotton ball in a pile of the powder.
2. Try not to compress either cotton balls when you are handling them.

Demo Procedure:

1. Place the cotton balls on a safe surface such as a large piece of Aluminum foil.
2. Light both cotton balls at the same time.
3. Point out that the control cotton ball burns readily whereas the second cotton ball is more resistant to burning.