



SMITHSONIAN

Ages 8 and up

Crazy Chemistry Super Bounce Balls

No. 6326-08

Conforms to ASTM-D4236

Dear Customer,

NSI is the manufacturer of this kit. We hope you enjoy your Super Bounce Balls. If you find that we have made an error or if something is missing or damaged, let us know so that we can correct the problem for you. Please do not return the kit to the store where you purchased it, or to the Smithsonian, as they do not have replacement parts. Instead, write us a letter and please include the following:

- Name of item
- Date of purchase
- Purchase price (please include sales slip)
- Model number
- Place of purchase
- Brief description of the problem

READ THE INSTRUCTIONS BEFORE USE, FOLLOW THEM AND KEEP THEM FOR REFERENCE. KEEP SMALL CHILDREN AND ANIMALS AWAY FROM EXPERIMENTS. STORE THE SET OUT OF REACH OF SMALL CHILDREN.

We will do our best to satisfy you.

Quality Control Department- NSI International, Inc.
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INSTRUCTIONS

Before you begin, organize your supplies on a steady working surface and cover your work area with waxed paper to protect it.

1. Choose a mold and make sure the 2 halves are attached. Place the mold in one of the 3 holders on the workstation. (see Fig 1 and Figure 3)
2. To make a multi-colored ball, pour in one color of powder at a time, making layers of color in the mold. To make a one-color ball, simply pour one color of powder into the mold. Occasionally tap the mold on a hard surface to set the powder. (For best results, open only one side of the bag, so less powder pours out at a time.)
3. Fill the mold almost to the top and tap it again to set the powder. (See Fig 2)
4. Fill the plastic cup with cool tap water. Submerge the filled mold into the cup of water up to the spout (see Fig 3) for 1 minute (check you clock or watch). Don't completely submerge the mold and don't leave it in for too long or it will be too soft.
5. Remove the mold from the water, but don't open the mold yet. Let it sit on waxed paper for 3 minutes to dry.
6. Open the mold, your ball will be sticky, so let the ball sit on waxed paper for about 2 more minutes to dry.
7. Repeat steps 1-6 to make more Super Bounce Balls, using the different shaped molds and various colors.
8. It is best to store the balls in a small plastic bag when not in use to keep them soft and bouncy.
(Be sure to let them dry first, for about 1 hour, before playing with them or putting them in the bags.)

