

Exploding Paint Bombs

Art

Science

Fun

Materials:

- Film canisters or balloons
- Poster board or white canvas
- Alka Seltzer Tablets
- Water-based Paint
- Funnel (optional)

Instructions:

1. Start by pouring some paint into the film canisters or balloons. Break an Alka Seltzer in half and put it into the film canisters or balloons.
2. Bottled up the canisters or tie the balloon to form a knot & shake them well.
3. Quickly, place each canister or balloon on a unique part on your canvas. To double to fun and speed, have a friend help you!
4. Now, we wait for takeoff! Watch the amazing art about to unfold with these exploding balloons.

What is the science behind it?

The Alka Seltzer tablets work by activating the **citric acid and baking soda** within them when placed in water. The acid and salt **react with the water** in the paint to create the reaction that produces **carbon dioxide** gas as a byproduct, this is referred to as an endothermic reaction. An **endothermic reaction** is known for absorbing heat energy from its surroundings to form products like carbon dioxide, in this example.