

## **Methanol Cannon**

### Instructions

#### Materials:

3-4 drops Methanol

Dropper

Film canister

Piezoelectric igniter

#### Set Up:

1. Add 3-4 drops of methanol into the film canister.
2. Cap the canister and hold for a few seconds in the palm of your hand to warm up and vaporize the methanol.

#### Demo Procedure:

1. Let go of the canister and make sure the canister is pointed away from you and from any spectators and activate the igniter.
2. You will hear a very loud pop and see (in a dark room) a flash of light as the cap of the canister is blown off by the reaction.

#### Troubleshooting:

- If the canister doesn't go off you can try warming it up longer.