

orange sparks will be produced. White sparks can be produced from magnesium shavings, or from small, LIGHTLY crumpled balls of aluminum foil.

Example: Suppose I wish to make a firecracker that will explode with a red flash, and throw out white sparks.

First, I would take a road flare, and finely powder the material inside it. Or, I could take a red sparkler, and finely powder it.

Then, I would mix a small amount of this material with the flash powder. NOTE: FLASH POWDER MAY REACT WITH SOME MATERIALS THAT IT IS MIXED WITH, AND EXPLODE SPONTANEOUSLY! I would mix it in a ratio of 9 parts flash powder to 1 part of flare or sparkler material, and add about 15 small balls of aluminum foil I would store the material in a plastic bag overnight outside of the house, to make sure that the stuff doesn't react. Then, in the morning, I would test a small amount of it, and if it was satisfactory, I would put it in the firecracker.

8.If this type of firecracker is mounted on a rocket engine, professional to semi-professional displays can be produced.

---SKYROCKETS---

An impressive home made skyrocket can easily be made in the home from model rocket engines. Estes engines are recommended.

- 1.Buy an Estes Model Rocket Engine of the desired size, remembering that the power doubles with each letter.
- 2.Either buy a section of body tube for model rockets that exactly fits the engine, or make a tube from several thicknesses of paper and glue.
- 3.Scrape out the clay backing on the back of the engine, so that the powder is exposed. Glue the tube to the engine, so that the tube covers at least half the engine. Pour a small charge of flash powder in the tube, about « an inch.
- 4.By adding materials as detailed in the section on firecrackers, various types of effects can be produced.
- 5.By putting Jumping Jacks or bottle rockets without the stick in the tube, spectacular displays with moving fireballs or MRV's can be produced.
- 6.Finally, by mounting many home made firecrackers on the tube with the fuses in the tube, multiple colored bursts can be made.

---ROMAN CANDLES---

Roman candles are impressive to watch. They are relatively difficult to make, compared to the other types of home-made fireworks, but they are well worth the trouble.

- 1.Buy a « inch thick model rocket body tube, and reinforce it with several layers of paper and/or masking tape. This must be done to prevent the tube from exploding. Cut the tube into about 10 inch lengths.
- 2.Put the tube on a sheet of wax paper, and seal one end with epoxy and the drying agent. About « of an inch is sufficient.
- 3.Put a hole in the tube just above the bottom layer of epoxy, and insert a desired length of water proof fuse. Make sure that the fuse fits tightly.
- 4.Pour about 1 inch of pyrodex or gunpowder down the open end of the tube.
- 5.Make a ball by powdering about two 6 inch sparklers of the desired color. Mix this powder with a small amount of flash powder and a small amount of pyrodex, to have a final ratio (by volume) of 60% sparkler material / 20% flash powder / 20% pyrodex. After mixing the powders well, add water, one drop at a time, and mixing continuously, until a damp paste is formed.

This paste should be moldable by hand, and should retain its shape when left alone. Make a ball out of the paste that just fits into the tube. Allow the ball to dry.

- 6.When it is dry, drop the ball down the tube. It should slide down fairly easily. Put a small wad of tissue paper in the tube, and pack it gently against the ball with a pencil.
- 7.When ready to use, put the candle in a hole in the ground, pointed in a safe direction, light the fuse, and run. If the device works, a colored fireball should shoot out of the tube to a height of about 30 feet. This height can be increased by adding a slightly larger powder charge in step 4, or by using a slightly longer tube.
- 8.If the ball does not ignite, add slightly more pyrodex in step 5.
- 9.The balls made for roman candles also function very well in rockets, producing an effect of falling colored fireballs.

214. Suppliers II

by Exodus

Most, if not all, of the information in this publication can be obtained through a public or university library. There are also many publications that are put out by people who want to make money by telling other people how to make explosives at home. Adds for such appear frequently in paramilitary magazines and newspapers. This list is presented to show the large number of places that information and materials can be purchased from. It also includes fireworks companies and the like.

COMPANY NAME AND ADDRESS

FULL AUTO CO. INC.
PO BOX 1881
MURFREESBORO, TN 37133

UNLIMITED

WHAT COMPANY SELLS

EXPLOSIVE RECIPES
PAPER TUBING

CHEMICALS AND FUSE