## MILITARY MEDIA INC.

FOR INFORMATIONAL & STUDY PURPOSES ONLY! DO NOT ATTEMPT TO MAKE THIS EXPLOSIVE. THIS CD IS FOR READING ENJOYMENT ONLY. MAKING THIS EXPLOSIVE COULD INJURE OR KILL YOU. THIS CD IS NOT INTENDED AS A RECIPE BOOK.

Under water igniters

## Materials needed:

- -Pack of 10 silicon diodes (available at Radio Shack. you will know you got the right ones if they are very, very small glass objects!)
- -Pack of matches
- -1 candle

## **Procedure:**

- Light the candle and allow a pool of molten wax to form in the top.
- Take a single match and hold the glass part of a single diode against the head. Bend the diode pins around the match head so that one wraps in an upward direction and then sticks out to the side. Do the same with the other wire, but in a downward direction. The diodes should now be hugging the match head, but its wires <u>MUST NOT</u> <u>TOUCH EACH OTHER!</u>
- Dip the match head in wax to give it a water proof coat. These will now work underwater

## Use:

When hooked across a 6v battery, the diode reaches what is called breakdown voltage. When most electrical components reach this voltage, they usually produce great amounts of heat and light, while quickly melting into a little blob. This heat is enough to ignite a match head.