



GLOWING TIDE

Ingredients

- Liquid Tide
- Plastic Cup
- Paintbrush
- Black Light
- White Poster Board

Science Term

- **Ultraviolet** – Just beyond the violet end of the visible spectrum and thus invisible to the human eye.

Instructions

STEP 1: Pour some of the Liquid Tide into the plastic cup.

STEP 2: Dip the paintbrush into the Liquid Tide and write a special message on the poster board.

STEP 3: Turn the lights off and the black light on.

STEP 4: Bring the black light close to the poster board and read the glowing message.



Explanation

Liquid Tide contains a fluorescent chemical that is only visible under a black light. The black light creates ultraviolet light. The fluorescent chemical in the Liquid Tide converts the ultraviolet light into visible light. You can discover more hands-on experiments by going to www.hookedonscience.org.

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