

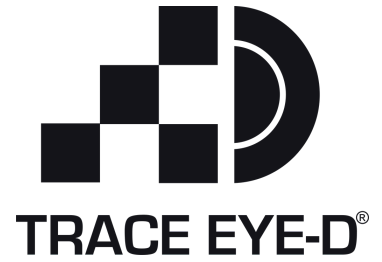
TRACE EYE-D®

Peroxide-Based Explosive Detection Training

PB33 Wipes (TWO-PART POUCH)



PB33 // OVERVIEW



WHAT CAN PB33 WIPES DETECT

- TATP (Triacetone Triperoxide)
- HMTD (Hexamethylene Triperoxide Diamine)
- MEKP (Methyl Ethyl Ketone Peroxide)

WHAT FORMS CAN PB33 WIPES TEST

- powders, pills, liquids, residues, trace, and bulk

COLOR-CHANGING TECHNOLOGY

- When PB33 comes in contact with TATP, HMTD, and MEKP it turns purple



Note: The Trace-Eye-D kit is intended to be used for **presumptive identification purposes only**, and all substances tested should be subjected to more definitive examination by scientists in a properly equipped crime laboratory.

PB33 // HOW TO USE



Open. Wipe. Look.

Reduce cross-contamination and exposure to PB33, test surfaces and samples by wearing industry-standard personal protective equipment (PPE) such as nitrile gloves, eye protection, and N95 mask equivalent.

1

ACTIVATE + OPEN the pouch and remove the wipe.

1. Fold bottom portion of pouch in half.
2. Squeeze folded portion until frangible seal breaks. User should hear a "pop" sound when internal seal breaks.
3. Thoroughly work the liquid from the upper small chamber down into the bottom chamber containing the towelette.

Do not unfold towelette before or after use. Doing so will result in difficulty observing the results.

2

WIPE it across the surface to be tested. For best results, sample very small amounts of the substance on the margin of the wipe.

3

LOOK to see if the formula on the wipe changes color.

Allow up to 30 seconds to allow a color reaction to develop

- negative result // no color change
- positive result // test turns purple

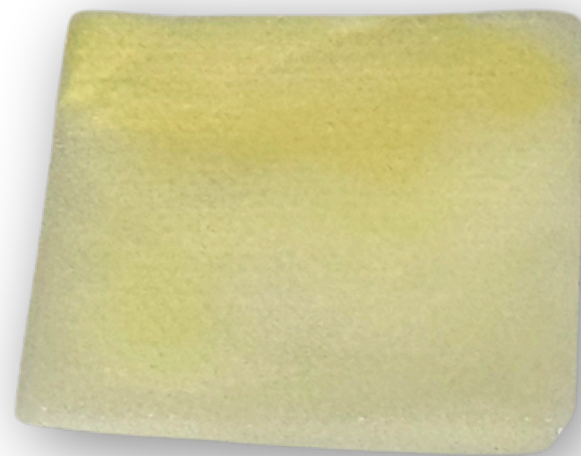
**If testing a suspected substance that is suspended in an oily base (e.g. RDX in petroleum jelly), a delay in the results may be experienced. The medium in which the explosive/oxidizer is suspended will delay results.*

PB33 // RESULTS

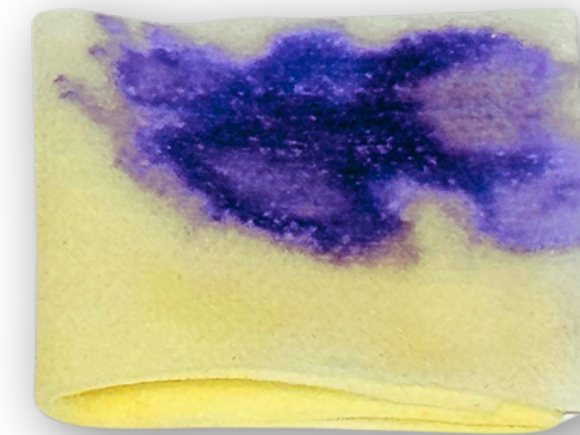


Open. Wipe. Look.

NEGATIVE Result
no color change



POSITIVE Result
test turns purple



PB33 // POST TEST



Open. Wipe. Look.

All TRACE EYE-D products are safe for disposal in the common waste stream without neutralization or other special treatment, provided the wipe is not contaminated with explosive residue

- 1** **PHOTOGRAPH + STORE** the wipe with a date/time stamp, if required for evidence retention, as the color of the wipe may change over time.
- 2** **DISPOSE** of wipe in accordance with federal state and local environmental laws. No neutralization is required. Can be disposed of in the common waste stream.
- 3** **WASH HANDS + CHANGE** your gloves before conducting additional tests after a positive result is found.

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