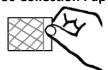
## **DropEx Plus**









DropEx Bottle #1, #2, and #3 must always be used in sequence (starting with #1), using the same #530 test paper and the same area of the test paper for all 3 bottles, until a color reaction occurs: then STOP. DropEx #3 should be shaken well (5 seconds) after breaking ampoules (it has 2 ampoules).

ExPen Test A and B+ must always be used in sequence (starting with A), using the same #530 test paper, until a color reaction occurs: then STOP

After breaking the ampoule ExPens can be used within 2 hours.

- [1] Remove or fold back the protection layer from the test paper, exposing the sticky collection surface. Hold paper at **bottom edge** (do not touch area to be used for test).
- [2] Wipe the suspected area or touch the suspected substance with the collection paper. Put paper down (careful not to contaminate glued surface containing swiped substance) while preparing DropEx bottle →
- [3] Hold bottle upright. Remove cap and set aside.

[4] Point bottle down (slant) over collection paper from a distance of 5 cm (2").



[5] Observe for an immediate appearance of colored stains, conforming to the color chart, indicating the presence of explosives. Check and compare results carefully with the color chart.

DropEx #1 Polynitro-Aromatics such as TNT, DNT/TNB, Picric acid, Tetryl. Compare results with the color chart herein

Nitroesters: e.g., dynamite, smokeless powder; Nitroamines: e.g., RDX, Semtex. Pink color indicates a positive reaction.

DropEx #2

DropEx #3 Inorganic Nitrates: e.g., ANFO, black powder, Urea Nitrate. Pink color indicates a positive reaction.















Chlorates and Bromates and other oxidants: e.g., Potassium chlorate, lead dioxide, potassium permanganate. Dark blue stains indicate a positive reaction. STOP if positive color reaction.

DropEx A

Peroxide-based improvised explosives: e.g., TATP, HMTD. Dark blue stains indicate a positive reaction. Drop on same spot as Bottle A. Urea Nitrate detection. Use this test ONLY if Expray #3 is positive for confirmation of Urea Nitrate. Using a new test paper, look for dark/orange inside of the pink which denotes a positive. Disregard any yellow coloring.

**DropEx U** 





Technical Assistance: (800) 964-7872. Ask for Wet Chemistry Product Manager.

