



**COLORMETRIC
LABORATORIES, INC.**

Safety Products That Detect and Protect

**Test Kit
Instructions**

Detection Products for Aliphatic Amines

CLI has a range of simple colormetric indicators to detect contamination on work surfaces and skin. Skin contamination can be controlled with safe work practices and handling procedures. It is important to realize that surface contamination does not in itself represent employee exposure to aliphatic amines. However, tools, machinery controls or light switches that are handled with contaminated gloves represent potential exposures when touched by unprotected skin. A weekly detection/decontamination program will maintain a clean and safe working environment.

Directions for Use

Surface Contamination Detection SWYPES™

1. Lightly spray the area or item (workbench, tool, control knob) with cleaning solution.
2. Wait at least 30 seconds, then wipe with a Surface SWYPE™ pad.
3. Allow 3 minutes for the color to develop. A fuchia color indicates that aliphatic amines may be present. This color reaction relies on detecting the alkaline pH of aliphatic amines.

Cleaning/Decontamination

1. Wash area thoroughly with soap and water to remove contamination.
2. Recheck the area with a Surface SWYPE™ to verify that decontamination is complete.

Skin Contamination Detection SWYPES™

1. Wipe the skin with the cloth portion of the Skin SWYPE™ pad.
2. Pour ¼" of cleaning solution into the small cup provided with the kit.
3. Put the Skin SWYPE™ in the cup, cloth end down and color detection strip up.
4. The cleaning solution will wick up to the color detection strip and a color change will occur if contamination is present.

PERMEA-TEC™ Pads

PERMEA-TEC™ pads are break-through indicators worn underneath protective gloves. It is recommended that the detectors be placed on the thumb, middle finger and palm as these represent the areas of most frequent contact and glove abrasion.

To determine a safe user time period for the particular glove, follow this procedure.

1. Affix PERMEA-TEC™ pads to the areas listed above on the outside of the glove currently being worn. Don the glove to be evaluated over the first glove.
2. After one hour, remove the outside glove and the underlying PERMEA-TEC™ pads.
3. A positive indication of break-through results in a color change to fuchsia.
4. If no break-through is indicated, apply fresh PERMEA-TEC™ pads and continue to wear the outside glove for another hour. Follow step 3 to determine if break-through has occurred.
5. By repeating Steps 3 and 4, you can determine a safe user time period for gloves.

Directions for Use

Surface Contamination Detection SWYPE™

1. Lightly spray the area or item (workbench, tool, control knob) with cleaning solution.
2. Wait at least 30 seconds, then wipe with a SWYPE™ pad.
3. Allow 3 minutes for the color to develop. A fuchsia color indicates that aliphatic amines may be present. This color reaction relies on detecting the alkaline pH of aliphatic amines.

Cleaning/Decontamination

1. Wash area thoroughly with soap and water to remove contamination.
2. Recheck the area with a SWYPE™ to verify that decontamination is complete.

Skin Contamination Detection SWYPE™

1. Wipe the skin with the cloth portion of the Skin SWYPE™ pad.
2. Pour 1/2 of cleaning solution into the small cup provided with the kit.
3. Put the Skin SWYPE™ in the cup, cloth end down and color detection strip up.
4. The cleaning solution will wick up to the color detection strip and a color change will occur if contamination is present.