

# TEST KIT Instructions

## Detection Products for Acids/Bases

CLI has a range of simple colorimetric 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 phenols. 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.

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### Directions for Use

#### Surface SWYPE™ indicators for contamination detection

1. Lightly spray the area or item (workbench, tool, control knob) with Developing solution.
2. Wait at least 30 seconds, then wipe with a **Surface SWYPE™** indicator.
3. Allow 3 minutes for the color to develop. The acid detector will change from neutral (orange) color to fuchsia/magenta at pH 3. For caustic exposures, the indicator will change to blue at pH 9.5.

#### Cleaning/Decontamination

1. Follow MSDS instructions to remove contamination.
2. Recheck the area with a **Surface SWYPE™** indicator to verify decontamination is complete.

#### Skin SWYPE™ indicators for contamination detection

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

## **PERMEA-TEC™** Sensors

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

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

1. Affix **PERMEA-TEC™** Sensors to the thumb, middle finger and palm 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™** Sensors.
3. Remove **PERMEA-TEC™** Sensors and lightly spray sensor with Developing solution. A positive indication of break-through results in a color change to fuchsia.
4. If no break-through is indicated, apply fresh **PERMEA-TEC™** Sensors and continue to wear the outside glove for another hour. Follow Step 3 to determine if breakthrough has occurred.
5. By repeating Steps 3 and 4, you can determine a user-safe time period for gloves.