

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 acidic or caustic materials. 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 developer solution.
2. Wait at least 30 seconds, then wipe with a Surface SWYPE™ pad.
3. 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. 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 1/4" of developer solution water into the small cup provided.
3. Put the Skin SWYPE™ in the cup, cloth end down and color detection strip at the top.
4. The developer solution will wick up to the color detection strip and a color change will occur if contamination is present.
5. Follow the manufacturers' MSDS recommendations if skin contamination is present.

Permea-Tec™ Sensors are breakthrough indicators worn underneath protective gloves. It is recommended that the detectors be placed on the thumb, middle finger and palm as these positions represent the areas of most frequent contact and glove abrasion.

To determine a safe-use time period for a particular glove, please follow this procedure:

1. Affix the Permea Tec™ Sensor to the areas listed above on the outside of the glove currently in use. Don the glove to be evaluated over the first glove.
2. After one hour, remove the outside glove and the underlying Permea Tec™ Sensor. A positive indication of break-through is if the pad has changed its color to fuchsia.
3. If no break-through is indicated, apply fresh Permea-Tec™ Sensors and continue to wear the outside glove for another hour. Repeat step 3 to determine if break-through has occurred.
4. By repeating steps 2 and 3, you can determine a safe-use time period for gloves.

Directions for Use

Surface Contamination Detection SWYPE™

1. Lightly spray the area or item (workbench, tool, control knob) with developer solution.
2. Wait at least 30 seconds, then wipe with a Surface SWYPE™ pad.
3. The acid detector will change from neutral (orange) color to fuchsia/magenta at pH 7. For caustic exposure, the indicator will change to blue at pH 9.5.

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 SWYPE™

1. Wipe the skin with the cloth portion of the Skin SWYPE™ pad.
2. Pour 1/2" of developer solution water into the small cup provided.
3. Put the Skin SWYPE™ in the cup, cloth end down and color detection strip at the top.
4. The developer solution will wick up to the color detection strip and a color change will occur if contamination is present.
5. Follow the manufacturer's MSDS recommendations if skin contamination is present.