TEST KIT
Instructions

Detection Products for Hydrazines

CLI has a range of simple colorimetric indicators to detect hydrazines 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 hydrazines. However, tools, machinery controls or light switches that are handled with contaminated gloves represent potential exposures when touched by unprotected skin. Hydrazines readily permeate the skin and are absorbed by the body. A "skin notation" has been applied to hydrazines, thus reinforcing the necessity to prevent skin exposure. A weekly detection/decontamination program will maintain a clean and safe working environment.

Directions for Use

Surface SWYPE™ indicators for contamination detection
1. Lightly spray the area or item (workbench, tool, control knob) with deionized water.
2. Wait at least 30 seconds, then wipe with a Surface SWYPE™ indicator.
3. Allow 3 minutes for the color to develop. A color change from yellow to blue indicates the presence of hydrazines.

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 deionized water 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 deionized water 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 breakthrough 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. A positive indication of breakthrough results in a color change to blue.
4. If no breakthrough 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.