

# Low-VOC Membrane Cleaner



## Overview

Carlisle SynTec Systems' Low-VOC Membrane Cleaner is used to clean both new and in-service Sure-Flex™ PVC or KEE HP membranes, Sure-Weld® TPO membranes and Sure-Seal®, Sure-White®, and Sure-Tough® EPDM membranes prior to the seaming process. Low-VOC Membrane Cleaner contains 100% EPA-exempted solvents and can be used in a wide variety of temperatures.

## Features and Benefits

- » Easily removes dirt and other contaminants from EPDM, PVC, KEE HP, and TPO membranes
- » Contains 100% EPA-exempted solvents
- » Effectively prepares aged or contaminated TPO, PVC, and KEE HP membranes for welding and can significantly improve membrane aesthetics
- » Effectively prepares EPDM and TPO membranes for primer application
- » Can be used in a wide range of temperatures

## Coverage Rate

Coverage rate depends on the age of the membrane and the amount of dirt/debris on the surface. Assume 400 ft<sup>2</sup> (37 m<sup>2</sup>) (one surface) per gallon.

## Application

### EPDM

1. Remove as much loose material as possible from the membrane surface where the adhesive or pressure-sensitive product will be applied by brooming or wiping the area with a dry rag. Extreme conditions of accumulated dirt may require a low-sudsing detergent and water cleaning (rinse area thoroughly with clean water and allow to dry).
2. Saturate a clean HP Splice Wipe (or equivalent) with Low-VOC Membrane Cleaner. Scrub the area in a circular motion. Continue to clean the area, changing wipes frequently, until the surface is a consistent color with no streaking. Additional cleaning is required at factory seams (scrub parallel to the seam). Allow to dry.
3. Apply primer according to product instructions and/or roofing system specification.

### Thermoplastics

Low-VOC Membrane Cleaner may be used to remove construction dirt or to prepare aged TPO, PVC, or KEE HP membrane prior to welding.

### New TPO, PVC, or KEE HP:

1. Saturate a clean HP Splice Wipe (or equivalent) with Low-VOC Membrane Cleaner.
2. Wipe the area to be cleaned until the membrane is a consistent color with no streaking.
3. **Allow to dry completely before welding.**
4. Weld the cleaned material together with an appropriate hot-air welder.

### Welding Aged TPO, PVC, or KEE HP:

1. Using a primer pad and Low-VOC Membrane Cleaner, scrub the area to be welded. The cleaner may become white with membrane residue during this step of the procedure.
2. Clean all residue from the area to be welded with an HP Splice Wipe (or equivalent).
3. **Allow to dry completely before welding.**
4. Weld the cleaned material together with an appropriate hot-air welder.

*Review Carlisle specifications and details for complete installation information.*

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## Precautions

- » Review the applicable Safety Data Sheet for complete safety information prior to use.
- » Low-VOC Membrane Cleaner is **FLAMMABLE**. This product contains materials that are fire and explosion hazards when exposed to heat, flame, or sparks. Store and use away from all sources of heat, flame, or sparks. Do not smoke while applying. Do not use in a confined or unventilated area. Vapors are heavier than air and may travel along ground to a distant ignition source and flash back. A red caution label is required when shipping.
- » During application, efforts must be made to prevent fumes from entering the building via air ventilation ducts. Do not place open containers or mix adhesive near fresh-air intake units. When possible, shut down or seal off the closest units.
- » Avoid breathing vapors. Keep container closed when not in use. Use with adequate ventilation. If inhaled, remove to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.
- » If swallowed, **DO NOT INDUCE VOMITING**. Call a physician immediately.
- » Avoid contact with eyes. Safety glasses or goggles are recommended. If splashed in eyes, immediately flush eyes with plenty of water for at least 15 minutes. Contact a physician immediately.
- » Avoid contact with skin. Wash hands thoroughly after handling. In case of contact with skin, thoroughly wash affected area with soap and water.
- » Permeation-resistant gloves (that meet ANSI/ISEA 105-2005) are recommended to be worn when using this product to protect hands from irritating ingredients.
- » **KEEP OUT OF THE REACH OF CHILDREN.**

## Typical Properties and Characteristics

Color	Clear
Solids	0%
Flash Point	0°F (-18°C)
Boiling Point	133°F (56°C)
Packaging	2 x 1-gallon (3.8-liter) closed-top pails per carton 5-gallon (18.9-liter) closed-top pail

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

## LEED® Information

Pre-consumer Recycled Content	0%
Post-consumer Recycled Content	0%
Manufacturing Location	Carlisle, PA
VOC Content	0 grams/liter (100% EPA-exempted solvents)