

Sure-FlexTM PVC

Low-VOC PVC Step 1 Activator



Overview

Sure-Flex Low-VOC PVC Step 1 Activator is a high-strength, solvent-based activator that allows PVC Pressure-Sensitive (PS) Cover Strip to be bonded to Sure-Flex PVC or KEE HP membranes. Low-VOC PVC Step 1 Activator meets the < 250 gpl VOC content requirements of the OTC Model Rule. It is specially formulated using a blend of VOC-exempt and non-exempt solvents and follows the state of California Clean Air Act of 1988 (updated in 1997) as further regulated by California's Air Quality Control Districts listing VOC limitations.

Features and Benefits

- » Provides a high-strength bond between PVC PS Cover Strip and PVC and/or KEE HP membranes
- » Easy to apply with a medium nap roller

Mixing

Stir thoroughly until the Low-VOC PVC Step 1 Activator color appears uniform. A minimum of 5 minutes of stirring is recommended.

Coverage Rate

250 to 300 square feet (23.2 to 27.9 square meters) per gallon finished surface. Coverage rates are average and may vary due to conditions on the jobsite.

Application

1. Clean the existing membrane (and metal if applicable) with PVC and KEE HP Membrane Cleaner and HP Splice Wipes or other natural fiber rags. A Carlisle Primer Pad may be necessary to remove heavy dirt buildup. Pour a small amount of PVC and KEE HP Membrane Cleaner over a Primer Pad and rub area to be primed in a circular motion. Wipe away residual dirt with HP Splice Wipes or other natural fiber rags.
2. Roller-apply Low-VOC PVC Step 1 Activator to only the area of the PVC or KEE HP membrane to be flashed with a short-nap-length paint roller. The properly activated area will be uniform in color, without streaks, and free of globs or puddles. Let dry.

Review Carlisle specifications and details for complete application information.

Precautions

- » Review the applicable Safety Data Sheet for complete safety information prior to use.
- » Low-VOC PVC Step 1 Activator is **EXTREMELY FLAMMABLE**. It contains solvents that are dangerous fire and explosion hazards when exposed to open flame, high heat, or sparks. Vapors are heavier than air and may travel along the ground or may be moved along by ventilation and ignited by flames, sparks, heaters, smoking, electrical motors, static discharge, or other ignition sources at locations distant from material handling point. Do not smoke while applying. Do not use in a confined or unventilated area. All containers should be grounded when material is transferred from one container to another. A red caution label is required when shipping. A fire extinguisher should be available. In case of fire, use water spray, foam, dry chemical, or carbon dioxide. Do not use a solid stream of water because it can scatter and spread the fire.
- » 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. During application, efforts must be made to prevent fumes from entering the building via air ventilation ducts. Do not place open containers or mix near fresh air intake units. When possible, shut down or seal off the closest units.
- » 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 clean water for at least 15 minutes. Contact a physician immediately.

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- » Avoid contact with skin. Wash hands thoroughly after handling. In case of contact with skin, thoroughly wash affected area with soap and water. Contact a physician if irritation persists.

Note: Permeation-resistant gloves (that meet ANSI/ISEA 105-2005) are recommended to be worn when using this product to protect hands from irritating ingredients.

- » Do not thin Low-VOC PVC Step 1 Activator. Thinning will affect performance. Excessively thick or gelled material should be discarded.
- » Jobsite storage in excess of 90°F (32°C) may affect product shelf life. Should the Low-VOC PVC Step 1 Activator be stored at temperatures lower than 60°F (15°C), restore to room temperature prior to use.
- » Opened containers of Low-VOC PVC Step 1 Activator should be used within 48 hours. Activator will begin to thicken after this point, making it difficult and eventually impossible to control applied thickness. In hot weather, do not leave sealed containers on roof for prolonged periods of time. In cold weather, keep material at room temperature until ready to use. Stir occasionally while using.
- » Low-VOC PVC Step 1 Activator must be allowed to dry thoroughly. If membrane is mated with the substrate before the activator has dried, blistering will occur and will not subside over time.
- » KEEP OUT OF REACH OF CHILDREN.

Typical Properties and Characteristics

Base	Synthetic rubber
Color	Pale yellow to orange to amber
Solids	23.6 – 29.6%
Flash Point	-4°F (-20°C) SETA
Brookfield Viscosity	1500 – 4500 centipoises
Average Net Weight	6.9 – 7.7 lbs/gal (0.8 – 0.9 kg/l)
Packaging	(2) 1 gallon (3.8 liters) cans per carton
Shelf Life	1 year

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%
VOC Content	< 250 g/l
Manufacturing Location	Carlisle, PA