

DESCRIPTION – Shaw S150 Spray Adhesive

Contact Shaw Hard Surface at (706) 275-3688 www.shawhardsurface.com for more information.

Shaw S150 Aerosol Spray Adhesive is a water-based aerosol adhesive recommended for installations of vinyl sheet, plank and tiles, vinyl composition tile, carpet cushion, or cove base over porous and non-porous substrates. It is particularly convenient since it can be used in occupied buildings and greatly reduces the handling and application requirements associated with conventional adhesives. **Shaw S150** demonstrates highly aggressive grab and shear strength, and has outstanding water and plasticizer resistance.

FEATURES AND BENEFITS

- NON-FLAMMABLE
- Simple spray application eliminates trowels and rollers
- Very low odor
- No solvents or hazardous chemicals (No VOC's)
- Outstanding water resistance with dry

Weight	Pallet Qty.	Pallet Weight
22 oz.	630 (6 cans per case)	1105 gross wt.

Laboratory Tests	Results
Polymer type	Acrylic
Application	Aerosol Spray Can
Color	White
Shelf life	1 year when stored in original packaging
Storage conditions	65°F to 95°F (18°C to 35°C). Store S 150 appropriately, out of direct sunlight and away from heat sources or open flames as the contents are under pressure and the can may burst. Do not allow Shaw S150 to freeze.
Flash point (ASTM D56)	> 212 deg. F.
Protect from traffic	12 hours after installation before allowing heavy traffic or rolling loads

Protect containers from freezing in transit and storage. Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

ENVIRONMENTAL

California South Coast Air Quality Management District SCAQMD Rule 1168
 California CHPS Section 01350
 CRI Green Label Plus Approved

LEED (Version 3.0) Points Contribution

MR Credit 5, Regional Materials*
 IEQ Credit 4.1, Low-emitting Materials - Adhesives & Sealants
 IEQ Credit 4.3, Low-emitting Materials – Flooring Systems

LEED Points

Up to 2 points
 1 point
 1 point

Warranty

This product is covered by a 1-year limited warranty. For more detailed information and limitations on this limited warranty, please contact Shaw Hard Surface at (706) 275-3699 www.shawhardsurface.com

SURFACE PREPARATION

- **Shaw S150** may be used on porous or non-porous surfaces, such as metal, wood, fiberglass, Terrazzo, existing properly prepared vinyl composition tile, and concrete substrates with up to 93% in-situ Relative Humidity as determined per latest version of ASTM F2170, and pH up to 10.0.
- All substrates must be structurally sound, solid, stable, level, even, flat, smooth and dry, and prepared in accordance with the latest version of ASTM F710.
- Substrates should be clean and free of dust, dirt, oil, grease, paint, curing agents, concrete sealers, loosely bonded toppings, loose particles, old adhesive residues, and any other substance or condition that may prevent or reduce adhesion.
- The installation site must be acclimated with HVAC in operation. The floor and room temperature, as well as flooring materials and adhesive, should be maintained at 65°- 85° F, and the humidity 60% or below for 48 hours prior to, during, and permanently after the installation.
- Do not use on chemically cleaned substrates.

SUITABLE SUBSTRATES

- APA approved wood underlayments and subflooring
- Sound and properly prepared concrete (above, on and below grade), metal, wood, fiberglass, terrazzo, existing properly prepared vinyl composition tile.

MOISTURE REQUIREMENTS

- Do not install when relative humidity of concrete slabs exceeds 93% (per latest version of ASTM F2170)
- Substrate pH readings should be between 7.0 and 10.0

Application Characteristics over Porous Substrates		
	Flash*	Working Time**
Resilient Sheet, Plank and Tile	10 minutes	2 hours

Application Characteristics over Non-Porous Substrates		
	Flash*	Working Time**
Resilient Sheet, Plank and Tile	10 minutes	2 hours

*Flash is the waiting time required before installing flooring

**Working time is the window of time for the adhesive to accept flooring.

Note: Flash time and working times may vary based on temperature, humidity, substrate porosity, trowel size and jobsite conditions.

APPROXIMATE PRODUCT COVERAGE

Flooring Type	Coverage*
Luxury vinyl sheet, plank and tiles, carpet cushion	130 – 150 square feet per can
Vinyl composition tile (VCT)	150 – 200 square feet per can

*Rate of application will depend on use, substrate porosity, and the floorcovering that is being installed.

APPLICATION:

- **SHAKE WELL BEFORE USING – CONTENTS UNDER PRESSURE**
- For more detailed instructions refer to Shaw Hard Surface installation instructions.
- Although Shaw S150 has good directional control while spraying, care should be taken to protect delicate surfaces and baseboards with either a shield or paper masking. Shake Shaw S150 well, remove the cap.
- Stand in an upright position and tip the can so it is pointed straight towards the floor, then depress the trigger tip mechanism.
- Aim the spray so that the adhesive falls like snow as you slowly walk back and forth. Do not use a sweeping motion as it will not give you the proper spray pattern, avoid overlapping. The substrate should be covered evenly for proper coverage.
- Wait until the adhesive is dry to the touch, and adhesive does not transfer to finger tips, before installing flooring. High humidity and low temperatures will lengthen open time. Keep the adhesive dust-free while it dries.
- Working time should not exceed 4 hours. Install flooring per Shaw's guidelines.

INSTALLATION: Roll flooring immediately after installation is complete with an appropriate 75 – 100 lbs. 3-section roller. Sheet flooring seams may be heat welded one hour after installation. Normal traffic may be allowed as soon as the installation, finishing and clean-up are complete. Avoid rolling loads for 24 hours.

SAFETY AND CLEAN-UP

Wet adhesive overspray or drips should be cleaned with soap and water on a clean cloth. Sheet Dried adhesive may require the use of a solvent adhesive cleaner. Between uses, clean the spray tip immediately with a clean wet cloth to prevent accumulation of dried adhesive. Empty aluminum spray cans should be relieved of excess pressure and recycled or disposed of in accordance with local requirements.

WARNING:

- Do not puncture or incinerate
- Keep out of reach of children
- Do not expose to temperatures exceeding 115° F. (46°C)
- Prolonged exposure to heat or sun may cause container to burst
- Do not allow product to freeze

SHELF LIFE

1 year from manufacturing date, in an unopened container.

FIRST AID: Avoid contact with eyes and skin. For eye contact, flush thoroughly with water for 15 minutes and get immediate medical attention. For skin contact, wash area with soap and water. If swallowed, do not induce vomiting; get medical attention immediately. If inhaled, remove person to fresh air; for difficulty breathing, get immediate medical attention.

For MSDS information, please visit: www.shawhardsurface.com

LIMITATIONS

- Do not install over any substrates containing asbestos
- For interior installations only
- Do not apply over any active cutback adhesive
- Use only when the ambient temperature is between 65°F and 95°F (10°C and 32°C)