
Adhesive 2081

DESCRIPTION: 2081 TUFF X-LINK CARPET TILE ADHESIVE

Shaw #2081 Tuff-Lok X-Link Carpet Adhesive with Meta-Tec[®] technology is a non-flammable, high-solids, advanced cross-linking resin blend adhesive recommended for the interior installation of commercial direct glue down and double stick carpet installations over approved substrates. The 2081 cross-linking technology is formulated to achieve a permanent installation. The adhesive, when fully cured, achieves a waterproof bond. #2081 is a solvent-free, low-odor adhesive that meets all federal, state and local governmental indoor air quality regulations. #2081 is recommended for the installation of all non-vinyl backed carpet including polypropylene (Action Bac[®]), jute, latex unitary, hot melt, attached polyurethane cushion, polyurethane laminate, needle punched, Axminster, and all backings designed for the installation of direct glue down carpets. Not recommended for vinyl-backed carpets. Do not use outdoors.

APPLICATION

USE OVER

Shaw 2081 can be used over above, on, or below grade concrete in the absence of excessive moisture or alkalinity, APA registered underlayment grade plywood, hardboard, and association grade particleboard. The pH level of concrete must be below 10. On concrete floors with excessive moisture levels up to 8 lbs. according to ASTM F-1869, use Shaw #2032 Moisture Seal Concrete Sealer to lower moisture vapor transmissions to acceptable levels. This will allow the adhesive to properly cure to a waterproof film. When used in conjunction with Shaw #2032 Moisture Seal Concrete Sealer, the system performance warranty will apply. Not recommended over existing vinyl flooring.

SUBSTRATE PREPARATION

Substrate must be sound, smooth, clean, level, and dry; It must be free of dust, dirt, wax, paint, incompatible curing compounds or fire retardant chemicals, release agents, sealers or any other foreign substance that might interfere with a good bond. Substrates must be properly leveled to prevent telegraphing. Fill all cracks, holes and low spots with a polymer modified cementitious patching or leveling compound and allow to fully cure before applying adhesive. High spots must be ground level.

INSTALLATION

Substrate, adhesive and flooring must be acclimated to acceptable temperature and humidity for a minimum of 48 hours before, during, and after the installation. Temperature should be between 65°F and 95°F and humidity should not exceed 65%.

1. Apply adhesive to substrate with the recommended notch trowel. (Trowel size will depend on the type of backing and smoothness of the substrate.) Minimum trowel size for carpet is 1/8"x1/8"x1/8" U-notch. Lay most floor coverings into wet adhesive. Open time will vary from 15 minutes to 1 hour, depending on the dryness of the floor, thickness of adhesive application, temperature and humidity. When installing on a non-porous surface, allow adhesive to get slightly "tacky" before laying in carpet.
2. Lay in flooring, lifting occasionally to be sure of making 100% contact with backing.
3. Roll carpet immediately after installation with a 30-50 lb. roller. Work from the center towards the edges to expel trapped air. Use a carpet tube for double-stick installation. Drying of adhesive will vary with fluctuations of temperature and humidity of the environment.
4. Seal all seams using Shaw 4000 Seam Sealer.

PHYSICAL PROPERTIES:

V.O.C.:	Negligible
Base:	Amide-Ester-Acrylate, resin blend
Solids:	67-69%
Color:	Tan
Odor:	Mild
Consistency:	Smooth, creamy, easy to trowel
Shelf Life:	One year at 70°F in unopened container.
Coverage:	45-160 sq. ft. per gallon. Depending on type of trowel used
Other Features:	Waterproof when cured, VOC compliant, non-flammable, freeze/thaw stable to 10° F.
Clean-Up:	Use warm, damp cloth when wet; use Safety Solvent

CAUTION:

Do NOT take internally. If swallowed, do NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY:

Our only obligation shall be to replace or pay for any adhesive proved defective. Beyond the purchase price of materials supplied by us, we assume no liability for

direct, indirect, or consequential damages of any kind, and the use accepts the product "as is" and without warranties, expressed or implied. The suitability of the product for an intended use shall be solely up to the user. Shelf life is one year from the manufacturing date according to the batch lot number on each container. Registered trademark of respective manufacturer. For additional MSDS information contact Shaw Industries, Inc. at 1-800-441-7429.

Material Safety Data Sheet

SECTION I

IDENTIFICATION

Manufacturer Name: Shaw Industries, Inc.

Address/Phone: P.O. Drawer 2128; Dalton, GA 30722; (877)502-7429

Emergency Telephone No.: (800)535-5053

Product Class: Synthetic rubber, resin blend

Manufacturer's Code Identification: 2081

Trade Name: 2081 Tuff Lok X-Link Carpet Adhesive

Date Revised: 06/09/04

SECTION II

HAZARDOUS INGREDIENTS

None per OSHA Regulation: 29 CFR 1910.1200

SARA Title III Section 313 Chemicals: None

SECTION III

PHYSICAL DATA

LBS/GAL: 9.8-10

Evaporation Rate: Low

Vapor Density: Low

Vapor Pressure: Low

Percent Volatile by volume: 31-33%

Odor: Mild

Grams V.O.C. per liter of material: Negligible

SECTION IV

FIRE & EXPLOSION HAZARD DATA

Dot Category: Not regulated

Flash Point: None

LEL: N/A

Extinguishing Media: Water Spray, dry chemical, CO₂ foam

Unusual Fire & Explosion Hazards: None known

Special Fire Fighting Procedures: Use self contained-breathing apparatus and turn out gear.

SECTION V

HEALTH HAZARD DATA

Symptoms of Over Exposure

Inhalation: May cause slight irritation of the respiratory tract

Ingestion: Not a likely route under proper handling conditions. May cause vomiting. Symptoms may be same as inhalation.

Skin: May cause slight irritation

Eyes: Vapor may cause irritation

First Aid Procedures

Eyes: Flush with water

Skin: Wash with soap and water

Inhalation: Remove to fresh air if needed

SECTION VI

REACTIVITY DATA

Stability: Stable

Conditions to avoid: Protect from freezing, excessive heat

Incompatibility-Materials to Avoid: Metal salts may coagulate the product

Hazardous decomposition products: Oxides of carbon, water, and organic compounds of unknown structure

Hazardous polymerization: Will not occur

SECTION VII

SPILL OR LEAK PROCEDURES

Steps to Be Taken if Material is Spilled.

Use absorbent materials to collect and contain for salvage or disposal.

Waste Disposal: Abide by all state, federal, and local regulations.

SECTION VIII

SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH respirator if needed

Eyes: Chemical Goggles

Ventilation: Local exhaust

Protective Gloves: Chemical resistant gloves, apron, coveralls, and boots as necessary to prevent contact

Other Protective Equipment: None

SECTION IX

SPECIAL PRECAUTIONS

Precaution for handling and storing: Do not puncture, protect from freezing and excessive heat.

KEEP OUT OF THE REACH OF CHILDREN. Do not induce vomiting if ingested. Avoid breathing buildup of vapors. Use adequate ventilation.