

Adhesive 2003

DESCRIPTION

A high performance, long residual tack latex based adhesive for the installation of most types of carpet. Strong, long term aged bond strength. Reduces seam splitting. Due to its quick setting properties, it is not recommended for mineral fibrous backed vinyl sheet goods.

USES

1. For the installation of jute, polypropylene (Action Bac®), latex unitary, sponge rubber, Unibond® hot melt, needle punched, woven, closed cellular urethane foam and Enhancer® backed carpets.

LIMITATIONS

1. For interior installations only.
2. Not recommended for the installation of vinyl backed or rubber sheet flooring. Shaw 1200. (See technical data sheets for details).
3. Do not use when the substrate temperature is below 50°F (10°C) or above 90°F (32°C), or when relative humidity exceeds 65%.
4. Do not apply directly over gypsum based substrates.
5. Do not use for the installation of urethane unitary or vinyl backed carpeting.
6. Do not roll cushion backed carpeting. Use a carpet core to smooth out floor covering.

RECOMMENDED SUBSTRATES

- Any wood underlayment that is recommended or guaranteed by either the wood underlayment manufacturer or the floor covering manufacturer, such as Exterior grade plywood, Group 1, CC type.
- Fully cured concrete.
- Embossed vinyl flooring properly leveled using the SHAW 9500/SHAW 9550 System (see technical data sheet for details), for light commercial only.
- Properly prepared vinyl composition tile.

Note: It is recommended that all concrete slabs be tested for moisture. If moisture vapor emission exceeds 3 lbs./1000 sq.ft. (1,36 kg/92,9m²) per 24 hours, using the anhydrous calcium chloride test, this adhesive must not be used.

SETTING INSTRUCTIONS

1. SURFACE PREPARATION

SEE "SURFACE PREPARATION" SHEET.

2. MIXING

SHAW 2003 is ready to use. No mixing is required. Simply open the container and spread.

3. APPLICATION

3.1 Use the recommended notched trowel (see technical data table) to ensure that at least 90% of the adhesive transfers to flooring material backing. Follow floor covering manufacturers recommendation regarding proper trowel to use.

3.2 Install the flooring material into the adhesive while it is still fresh. For non-porous backed and stiffer materials with inherent "memory", allow the spread adhesive 15 - 20 minutes drying time (or longer if required) to tack up before placing flooring material. Also use the tacky dry installation method when installing over a nonporous substrate (such as existing VCT). Proper adhesive transfer to the backing should be confirmed periodically by lifting the material.

3.3 Roll flooring surface across width and length with the manufacturer's recommended roller to break down adhesive ridges and to ensure removal of entrapped air.

3.4 Complete installation as per flooring material manufacturer's instructions.

3.5 Promptly clean adhesive smudges from flooring with water while adhesive is still fresh and with mineral spirits when dried.

3.6 Promptly wash tools and hands with water while adhesive is still fresh.

4. EXPANSION AND CONTROL JOINTS

4.1 Provide for expansion and control joints where specified.

4.2 Do not cover any expansion joints with adhesive.

4.3 Cut flooring material on both sides along the edges of expansion joints.

4.4 Insert the specified compressible bead and sealant for expansion and control joints, according to plans and specifications.

5. PROTECTION

5.1 Protect containers from freezing in transit and storage. This product is freeze/thaw stable at temperatures down to 0°F (-18°C). However, it is recommended to protect all water-based products from freezing. If frozen, do not stir until material has completely thawed.

5.2 Provide for heated storage on site and deliver all materials at least 24 hours before work begins.

5.3 Restrict traffic for 24 hours to allow proper adhesive set-up.

TECHNICAL DATA

Open time at 72°F (22°C) 50% relative humidity	Up to 35 minutes (depending upon trowel used)
Drying time at 72°F (22°C)	24 hours
Bond strength (7 days): Polypropylene (Action Bac®)	12,5 pli (2,2 kg/lin. cm)
Freeze-thaw stability at 0°F (-18°C)	Stable 5 cycles
Flash point	Non-flammable
Maximum tolerance of vapor emission from the concrete slab (using the anhydrous calcium chloride test)	3 lbs./1000 sq. ft. (1,36 kg/92,9 m2) per 24 hours
pH	Approx. 9.5
Clean ability	with water while fresh, mineral spirits when dried.
Color	Light beige
Consistency	Buttery

NOTICE

We shall not be liable for incidental and consequential damages, as defined under the uniform commercial code, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instruction or for other than the intended use. Before using, user shall determine the suitability of the product for its intended use and user alone assumes all risks and liability whatsoever in connection therewith. Our liability is expressly limited to replacement of defective goods. Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was, or reasonably should have been discovered.

PACKAGING

Pails: 3.96 US gal. (15 L)

SHELF LIFE

12 months when stored in original containers at room temperature in a dry heated area.

APPROXIMATE COVERAGE

Typical Recommended Trowel (depth, width, space)

Carpet (polypropylene):

1/8" x 1/8" x 1/8" U Notch (3,2 x 3,2 x 3,2 mm)	90 - 108 sq. ft./US gal. (2,2 - 2,6 m2/L)
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Carpet:

1/8" x 1/8" x 1/16"	53 - 73 sq. ft./US gal.
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(3,2 x 3,2 x 1,6 mm)	(1,3 - 1,8 m ² /L)
Mineral felt back vinyl:	
1/32" x 1/16" x 1/32"	185 - 245 sq. ft./US gal.
(0,8 x 1,6 x 0,8 mm)	(4,5 - 6,0 m ² /L)
1/16" x 1/16" x 1/16"	125 - 185 sq. ft./US gal.
(1,6 x 1,6 x 1,6 mm)	(3,0 - 4,5 m ² /L)

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NOTE

Quantities shown are approximate and given for estimating purposes only. Actual job site coverage may vary according to substrate conditions, type of trowel used and setting practices.

HEALTH AND SAFETY

Consult the material safety data sheet for more information.

Material Safety Data Sheet

IDENTITY (As shown on label):

Shaw 2003 Solvent Free, High Tack Carpet Adhesive

SECTION I

Prepared by: Regulatory Affairs

Manufacturer Name: Shaw Industries, Inc.

Address/Phone: P.O. Drawer 2128; Dalton, Ga 30722; (800) 441-7429

Emergency Telephone No.: (800) 535-5053

Product Class: Synthetic rubber, resin blend

Manufacturer's Code Identification: 2003

Trade Name: Solvent Free, High Tack Carpet Adhesive

SECTION II

HAZARDOUS INGREDIENTS

None per OSHA Regulation: 29 CFR 1910.1200

For California: This product contains no chemicals reportable under proposition 65.

HMIS Rating: Health – 1 Fire – 0 Reactivity – 0 Protection - B

SECTION III

PHYSICAL DATA

Boiling Point: 212°F

Evaporation Rate: Same as water

Vapor Density: 1.14

Vapor Pressure: 1.0

Color: Beige

Odor: Mild acrylic

Maximum VOC: 0g/L

SECTION IV

FIRE & EXPLOSION HAZARD DATA

Flash Point: None

LEL: N/A

Extinguishing Media: Product will not burn until all water content has evaporated. Water spray, carbon dioxide, dry chemical or foam.

Unusual Fire & Explosion Hazards: Some decomposition products may be harmful.

Special Fire Fighting Procedures: Wear standard fire fighting gear with self-contained breathing apparatus.

SECTION V

HEALTH HAZARD DATA SYMPTOMS OF OVER EXPOSURE

ROUTES OF ENTRY: Inhalation? YES Skin? YES Ingestion? YES

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: Inhalation or contact can cause irritation to eyes, skin, nose or throat to sensitive people. If ingested can cause nausea, vomiting, griping, and diarrhea.

Chronic: None known.

CARCINOGENICITY: NTP - NO IARC - NO OSHA - NO

Signs and Symptoms of Overexposure: Nausea; vomiting; nose and throat irritation; eye irritation; and skin irritation.

Medical Conditions That Can Be Aggravated by Exposure: Allergies, skin and respiratory disorders. Product sensitivity.

EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Remove to fresh air. If not breathing, trained personnel should initiate artificial respirations and immediate medical attention should be obtained.

Ingestion: Do not induce vomiting. Do not give anything by mouth to an unconscious person. Seek medical attention immediately.

Skin: Avoid contact with skin. Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek immediate medical attention.

Eyes: Flush with cool water for 15 minutes while holding eyelid open. If irritation persists, seek medical attention immediately.

SECTION VI

REACTIVITY DATA

Stability: Stable

Conditions to avoid: None known

Incompatibility-Materials to Avoid: Strong oxidizing agents, strong acids, and strong bases.

Hazardous decomposition products: carbon monoxide, carbon dioxide, oxides of nitrogen, and other unidentified organic compounds.

Hazardous polymerization: Will not occur

SECTION VII

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED.

While using appropriate protective equipment, place spilled material in poly drum, or container requirement by local disposal company, and store in a safe place till material can be disposed of in accordance with regulations.

Waste Disposal Method Dispose of in accordance with local, state, and federal regulations governing your location.

Precautions to be taken during Handling and Storage Keep container closed when not in use. Store at 60-95°F and out of the sun. Use adequate ventilation to avoid breathing vapors when cover is removed.

Other Precautions Avoid prolonged skin contact.

SECTION VIII

SPECIAL PROTECTION INFORMATION

Respiratory Protection: If workplace exposure limit of product is exceeded, a NIOSH/MSHA approved air supplied respirator is required in absence of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure.

Eyes: Safety glasses or goggles as necessary to prevent eye contact.

Ventilation: Local exhaust

Protective Gloves: Impervious. (Nitrile, rubber, or better)

Other Protective Equipment: As needed to minimize contact with skin.

WORK AND HYGIENE PRACTICE Remove contaminated clothing immediately. Wash hands, after each use and before eating, drinking, or using toiletries. Minimize contact of product on skins.