

Adhesive 7000

SOLVENT-FREE CLEAR THIN SPREAD ADHESIVE FOR VINYL COMPOSITION TILES

DESCRIPTION

A high residual tack, latex-based adhesive recommended for the installation of vinyl composition tiles (VCT) over approved surfaces including existing VCT (in a tile over tile application). This adhesive has high shear strength and will reduce tile shifting. Extended working time, flexible application and 24 hour residual tack.

USES

1. For the installation of vinyl composition tile.

LIMITATIONS

1. For interior installations only.
2. Do not use for the installation of solid vinyl or rubber flooring.
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.

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.
 - Properly prepared cement terrazzo.
 - Properly prepared existing vinyl composition tile (limited to one layer).
- Note: It is recommended that all concrete slabs be tested for moisture. If moisture vapor emission exceeds 5 lbs./1000 sq. ft. (2,27 kg/92,9 m²) 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 7000 is ready to use. No mixing is required. Simply open the container and spread.

3. APPLICATION

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

3.2 Spread adhesive evenly. Special care must be taken for the installation of vinyl composition tiles requiring a "wet look finish". To limit the telegraphing of the adhesive lines, it is recommended that a 1/32" x 1/16" x 1/32" (0,8 x 1,6 x 0,8 mm) U-notched trowel be used to apply the adhesive. Then roll the fresh adhesive with a good quality short nap paint roller.

3.3 Install tiles on dry adhesive film (no transfer to the finger tip when touched). Proper adhesive transfer to the backing should be confirmed periodically by lifting the material.

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

3.5 Complete installation as per tile manufacturer's instructions.

3.6 Promptly clean adhesive smudges from vinyl composition tile surface with water while adhesive is still fresh and with mineral spirits when dried.

3.7 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 vinyl composition tile 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 product 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

Drying time at 72°F (22°C)

50% relative humidity

40 minutes

Freeze-thaw stability at 0°F (-18°C)

Stable 5 cycles

Flash point	Non-flammable
Maximum tolerance of moisture vapor emission from the concrete slab (using the anhydrous calcium chloride test) 24 hours	5 lbs. per 1000 sq. ft. (2,27 kg/92,9 m ²) per
pH	Approx. 9,5
Cleanability	With water while fresh, with mineral spirits when dried.
Color	Light beige
Consistency	Buttery

PACKAGING

Pails: 1 US qt. (945 mL); 1 US gal. (3,7 L); 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)

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 m²/L)

NOTE

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

Health and safety

Consult the Material Safety Data Sheet (MSDS) before using this product.

Material Safety Data Sheet**IDENTITY (As shown on label):**

Shaw 7550

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

Manufacturer's Code Identification: 7550

SECTION II**HAZARDOUS INGREDIENTS**

	OSHA (PEL)	ACCGIH (TLV-TWA)	Other Limits Recommended (Respirable dust only.)	% (Optional)
Calcium Cement (CAS# 1317-65-3)	5mg/m ³	10 mg/m ³	(Respirable dust only.)	35-45
Hydraulic Cement (CAS# 65997-15-1)	15mg/m ³	10mg/m ³	N/E	5-10
Calcium Sulfate Hemihydrate (CAS# 26499-65-0)	10mg/m ³	15mg/m ³	N/E	5-15
Calcium Aluminate Cement (CAS# 65997-16-2)	15mg/m ³	15mg/m ³	N/E	30-40

For California: This product contains chemicals known to the state of California to cause cancer, birth defects or other reproductive toxicity.

HMIS Rating: Health – 3 Fire – 0 Reactivity – 0 Protection - E

SECTION III**PHYSICAL DATA**

Boiling Point: N/A

Evaporation Rate: N/A

Vapor Density: N/A

Vapor Pressure: N/A

Specific Gravity: 1,60 – 2,00

Color: Gray powder

Odor: General cement

Maximum VOC: N/A

SECTION IV**FIRE & EXPLOSION HAZARD DATA**

Flash Point: N/E

LEL: N/A

Extinguishing Media: Will not burn except under extreme temperatures. 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? NO

HEALTH HAZARDS (ACUTE AND CHRONIC)

Acute: Possible injury due to the alkaline nature of wet cement (dermatitis, dry cough, etc.)

Chronic: Repeated (long term) inhalation of dust may result in silicosis.

CARCINOGENICITY: NTP - YES IARC - NO OSHA – NO

Signs and Symptoms of Overexposure: No effects are suspected under normal professional use.

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.

Wear protective equipment. Contain by diking with inert absorbent materials and put into an approved waste container.

Waste Disposal Method Dispose of in accordance with local environmental regulation.

Precautions to be taken during Handling and Storage Store in manner to prevent dusty conditions.

Other Precautions Avoid prolonged skin contact.

SECTION VIII

SPECIAL PROTECTION INFORMATION

Respiratory Protection: During work with dry product it is recommended to wear a NIOSH APPROVED PARTICULATE FILTER RESPIRATOR RATED N95 (42 CFR 84).

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.