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AdvanTech 728265120119

AdvanTech Polyurethane Subfloor Adhesive User Manual

Model: 728265120119

1. Introduction

The AdvanTech Polyurethane Subfloor Adhesive is a high-performance, gun-applied foam adhesive designed for creating strong panel-to-joist bonds during subfloor installation. This professional-grade adhesive is formulated to perform in demanding jobsite conditions, including adherence to wet and frozen wood. It contributes to a quiet, long-term-performing floor system by reducing movement that can lead to squeaks and pops.
This manual provides essential information for the safe and effective use of AdvanTech Subfloor Adhesive, ensuring optimal performance and durability for your flooring projects.

2. Safety Information

WARNING: Read all safety warnings and instructions before use. Failure to follow warnings and instructions may result in serious injury.

- **Personal Protective Equipment (PPE):** Always wear safety glasses with side shields, chemical-resistant gloves, and long sleeves to prevent skin and eye contact.
- **Ventilation:** Use in a well-ventilated area. If working indoors, ensure adequate air circulation.
- **Flammability:** Keep away from heat, sparks, open flames, and other ignition sources. Do not smoke while using this product.
- **Pressure Container:** Contents are under pressure. Do not puncture or incinerate container. Do not expose to temperatures above 120°F (49°C).
- **First Aid:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes. For skin contact, wash thoroughly with soap and water. If inhaled, move to fresh air. Seek medical attention if irritation persists or if swallowed.
- **Disposal:** Dispose of contents and container in accordance with local, regional, national, and international regulations.

3. Product Overview

AdvanTech Subfloor Adhesive is a heavy-duty polyurethane foam adhesive supplied in 24 oz cans, designed for

application with a compatible foam adhesive gun. Each pack contains 6 cans.



Figure 1: AdvanTech Subfloor Adhesive can with an attached applicator gun, ready for use.

4. Setup

4.1 Surface Preparation

- Ensure subfloor panels and framing members are clean, dry, and free of oil, grease, dust, and other contaminants.
- Adhesive can be applied to wet or frozen wood, but standing water should be removed.

4.2 Adhesive Can Preparation

1. Shake the can vigorously for at least 30 seconds before use to ensure proper mixing of contents.
2. Thread the can onto a compatible foam adhesive gun. Ensure a tight seal to prevent leaks.
3. Adjust the flow control knob on the gun to the desired bead size.

4.3 Environmental Conditions

- Optimal application temperature for the adhesive and surfaces is between 20°F (-7°C) and 100°F (38°C).
- Ensure adequate ventilation as per safety guidelines.

5. Operating Instructions

5.1 Application Technique

1. Hold the adhesive gun with the can inverted.
2. Apply a continuous bead of adhesive along the top of the framing members (joists, beams). A typical bead size is 1/2 to 3/4 inch in diameter.



Figure 2: A construction worker applying AdvanTech Subfloor Adhesive to wooden joists using an applicator gun.



Figure 3: A close-up view of a consistent bead of AdvanTech Subfloor Adhesive applied to a wooden joist.

5.2 Panel Placement and Fastening

- Place subfloor panels onto the adhesive beads within 10-15 minutes of application.
- Secure panels with appropriate fasteners (nails or screws) according to local building codes and panel manufacturer recommendations.
- Ensure full contact between the subfloor panel and the adhesive bead for optimal bonding.



Figure 4: A close-up showing cured AdvanTech Subfloor Adhesive forming a strong bond between two wooden structural elements.

5.3 Coverage

AdvanTech Subfloor Adhesive provides up to 8 times the coverage of traditional 10 oz caulk-style adhesives, allowing

for efficient project completion with fewer cans.

6. Maintenance

6.1 Cleaning the Applicator Gun

- After use, if the gun will not be used for an extended period, clean the gun thoroughly with a compatible foam gun cleaner.
- If the gun will be used again within a few days, the can can often be left attached, ensuring the flow control knob is fully closed to prevent curing in the nozzle.

6.2 Storage of Cans

- Store unused cans upright in a cool, dry place away from direct sunlight and heat sources.
- Ensure the can valve is clean before storing if the gun has been removed.

7. Troubleshooting

- **Poor Adhesion:** Ensure surfaces are clean and free of contaminants. Verify proper application temperature and sufficient adhesive contact.
- **Floor Squeaks:** While AdvanTech Subfloor Adhesive is designed to reduce squeaks, ensure proper fastening of panels and full adhesive contact. Refer to the AdvanTech Squeak-Free Guarantee for details.
- **Adhesive Not Dispensing:** Check if the can is properly attached to the gun. Ensure the gun nozzle is not clogged. Shake the can vigorously before use.
- **Slow Curing:** Ensure adequate moisture is present in the environment (polyurethane adhesives cure with moisture). Very dry conditions can slow curing.

8. Specifications

Feature	Specification
Brand	AdvanTech
Model	728265120119
Material	Polyurethane
Item Form	Spray Foam
Container Type	Can
Volume per Can	24 oz
Compatible Material	Wood
Water Resistance Level	Water Resistant
Color	Black
Item Package Quantity	6 Cans
Specific Uses	Woodworking, Flooring

9. Warranty and Support

9.1 Squeak-Free Guarantee

AdvanTech Subfloor Adhesive is backed by the industry's first Squeak-Free Guarantee when used as part of the AdvanTech subfloor assembly system. This guarantee reflects the product's commitment to delivering a quiet, long-term-performing floor system. For full terms and conditions of the guarantee, please refer to the official AdvanTech website or product documentation.

9.2 Customer Support

For further assistance, technical questions, or to report any issues, please visit the official AdvanTech website or contact their customer support directly. You can find more information and resources at the AdvanTech Store on Amazon.

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