



## POLYURETHANE

LN-950

Architectural Coatings

### GENERAL DESCRIPTION

*Liquid Nails* Polyurethane Construction Adhesive, LN-950, provides a weatherproof bond which withstands a wide range of temperatures for a strong bond indoors and out. Works on a wide range of materials including non-porous surfaces such as, glass, ceramic, plastic and vinyl.

### RECOMMENDED SUBSTRATES

**Bonds To:** Wood, OSB, Subfloors, Tileboard, Treated Lumber, Cabinets, Foamboard, Countertops, Granite, Marble, Drywall, Ceramics, Mirrors, Plastic, Vinyl, 1/8" (3 mm) MDF Paneling, Brick Veneers, Metal Studs, Plywood, Particleboard, Waferboard, Concrete and Stone, and Composite Materials.

### FEATURES / BENEFITS

Fills Gaps, No Shrinkage  
Withstands Wide Range of Temperatures (-40-300°F)  
Strong and durable on a wide range of materials & surfaces  
Weatherproof

### CONFORMANCE STANDARDS

Compliant with all US VOC regulations for multi-purpose construction adhesive category as of 03/2024  
PFS Listed #15101002 AFG-01; Conforms to HUD UM-60a

### PRODUCT INFORMATION / PACKAGING

LN-950 10.0 FL OZ (295 mL) Tube (12 Tubes/Carton)

### LIMITATIONS OF USE

Not recommended for ceiling tile.

**FREEZE/THAW STABLE.** Store product at 40°F (4°C) to 100°F (38°C). USE PRODUCT WITHIN ONE YEAR OF PURCHASE.

*Liquid Nails* Polyurethane Interior/Exterior Construction Adhesive

### PRODUCT DATA

**BASE:** Polyurethane, Moisture Cure

**COLOR:** Tan

**APPEARANCE:** Non-sag, thick mastic

**APPLICATION TEMPERATURE:** 40°F to 100°F (4°C to 38°C)

**SERVICE TEMPERATURE:** -40°F to 300°F (-40°C to 149°C)

**SAG (ASTM D2202):** < 0.15"

**SHEAR STRENGTH:** 24 hours – > 175 psi  
48 hours – > 250 psi

**HARDNESS (Shore A Durometer):** > 60

**WEIGHT PER GALLON:** 14.8 lbs. (6.71 kg)

**VISCOSITY:** 200,000 cps

**OPEN TIME:** 20 minutes at room temperature

**MINIMUM CURE TIME:** 24 hours at room temperature

**FREEZE/THAW STABILITY:** No effect after 5 cycles

**FLAMMABILITY:** Non-flammable when cured

**FLASH POINT:** 135°F (57°C)

**PERCENT VOLATILE:** 7%

**PERCENT SOLIDS:** 93%

**COVERAGE:** Approximately 30 linear ft. (9 linear meters) using a 1/4" (6 mm) bead, for 10.0 FL OZ tube.

**SHELF LIFE:** One year from date of purchase

**ODOR:** Mild Hydrocarbon, dissipates within 4-6 hours

**SPECIFICATIONS:** Exceeds ASTM D4398 & C557

**MAX VOC:** < 7% by weight

## GENERAL SURFACE PREPARATION/APPLICATION

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted, NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

**DIRECTIONS:** Surfaces must be clean, dry, and structurally sound. Adhesion can be improved by lightly sanding bond areas. Wear gloves when using this product. Temperature must be above 40°F (4°C). Cut nozzle, puncture inner seal, and insert tube into caulking gun. Apply 1/4" (6 mm) bead to one surface. Adhere materials within 30 minutes. Use mechanical fasteners or bracings for 8 to 12 hours. **Subflooring:** Where sheet butts along joist, lay one zigzag 1/4" (6 mm) bead. Space joints the thickness of a putty knife to allow for expansion. Nail section into place 12" (30.5 cm) on center in center on all joists. Subfloor must be under roof within six weeks of construction. When installing underlayment to concrete, see our website for further information.

**CLEANUP:** Use mineral spirits when adhesive is wet or scrape away when dry.

**DISPOSAL:** Contact your local environmental regulatory agency for guidance on disposal of unused product.

**PERMISSIBLE TEMPERATURES DURING APPLICATION:**

Material: 40 to 100°F 4 to 38°C

Ambient: 40 to 100°F 4 to 38°C

Substrate: 40 to 100°F 4 to 38°C

## PRECAUTIONS

**WARNING! COMBUSTIBLE LIQUID AND VAPOR. HARMFUL IF INHALED. CAUSES RESPIRATORY TRACT IRRITATION. MAY CAUSE EYE IRRITATION.** Sanding and grinding dusts may be harmful if inhaled. Inhalation of high concentrations of vapor may affect the central nervous system. Repeated exposure to high vapor concentrations may cause irritation of the respiratory system and permanent brain and nervous system damage. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. This product contains crystalline silica which can cause lung cancer or silicosis. The risk of cancer depends on the duration and level of exposure to dust from sanding surfaces. Keep away from heat and flame. Do not breathe vapor. Do not swallow. Do not get on skin or clothing. Avoid contact with eyes. Keep container tightly closed and sealed until ready for use. Wash thoroughly after handling. Provide fresh air ventilation during and after application and drying. Avoid the inhalation of dust or particulates arising from the application of this preparation. Use personal protective equipment as required. **Prior to use, read and follow product-specific SDS and label information.** **FIRST AID:** If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting unless directed to do so by medical personnel. If in eyes, rinse with water for 15 minutes. Check for and remove any contact lenses. If on skin, rinse well with water. Wash with soap and water. Get medical attention if irritation develops. If inhaled, remove to fresh air. Call physician immediately. Keep out of the reach of children. For workplace use, an SDS is available from your retailer or by calling (412) 492-5555. **EMERGENCY SPILL INFORMATION:** (412) 434-4515 (U.S.).

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