

**LIQUID
NAILS®**
ADHESIVE

POLYURETHANE

Construction Adhesive

LN-950

Interior & Exterior

An excellent weather resistant adhesive which withstands a wide range of temperatures.

PRODUCT DESCRIPTION

LIQUID NAILS® Polyurethane Construction Adhesive, LN-950, weather resistance which withstands a wide range of temperatures for a strong bond indoors and out. Works on a wide range of materials and surfaces.

RECOMMENDED FOR

- Brick Veneers
- Countertops
- 1/8" MDF paneling
- Foamboard
- Plastic & vinyl
- Subfloors
- Ceramics & Mirrors
- Metal Studs
- Particleboard (with Plywood & Waferboard)
- Plywood & Waferboard
- Treated Lumber
- Drywall
- Tileboard
- Granite & Marble
- Cabinets
- Concrete & Stone
- Composite materials

NOT RECOMMENDED FOR

- Ceiling tile

Please research all installation instructions and read entire label for safety, health & environmental information prior to use.

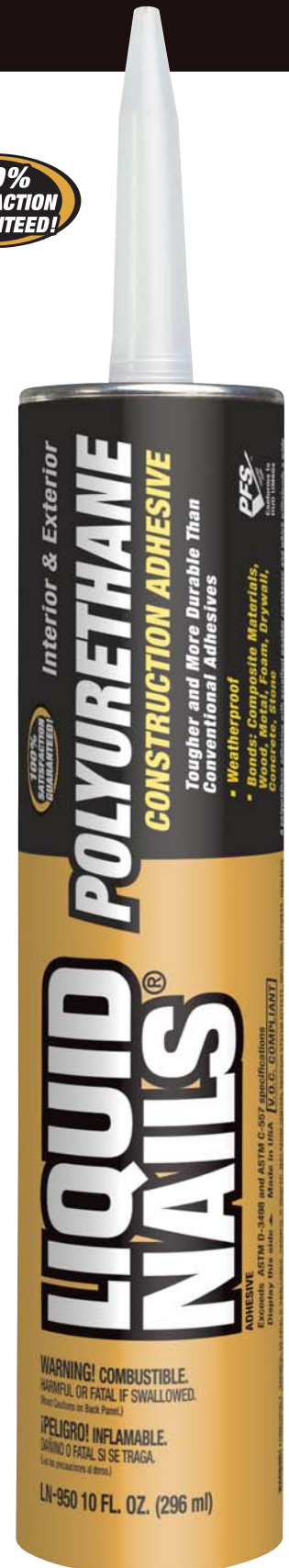
Look for other LIQUID NAILS products which are right for your specific project.

PRODUCT ADVANTAGES

- Tougher and more durable than conventional adhesive
- Weatherproof
- Bonds to a wide range of materials and surfaces
- Withstands wide range of temperatures
- Strong bond indoors and out
- VOC Compliant
- Exceeds ASTM D-3498 and ASTM C-557 specifications
- Interior & Exterior
- 100% Satisfaction Guaranteed

WARNING! COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED.

Read label and Material Safety Data Sheet prior to use.
See other cautions on last page. MDSF13-0404



DIRECTIONS:

Surfaces must be clean, structurally sound, and free of loose particles. For smooth surfaces, adhesion can be improved by lightly sanding bond areas prior to applying adhesive. Wear gloves when using this product.

Application: Insert cartridge into a standard caulk gun and puncture inner seal with a nail or wire. Apply a 1/4 inch wide bead of adhesive to one of the surfaces to be bonded. Join the surfaces together within 30 minutes and press firmly so that the adhesive is 1/16" to 1/8" in thickness. Use mechanical fasteners or bracing to hold surfaces together until the adhesive has set (about 8 to 12 hours, depending on temperature, humidity, and porosity of the surfaces). Do not use this product at temperatures below 40° F. Clean up wet adhesive with mineral spirits or toluene. Remove dry adhesive by scraping.

Dry Time: Product will normally dry within 8-12 hours. Actual dry time may vary with temperature, humidity and materials used.

CLEAN-UP

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

DISPOSAL

Contains organic solvents which may cause adverse effects to the environment if disposed of improperly. Place empty containers in normal refuse for disposal. Contact your sanitation department or household hazardous waste coordinator for information concerning possible re-use or disposal of unused solvent-containing adhesives and/or sealants.

EAD-C9

LIMITED WARRANTY

Macco warrants satisfaction with this product when handled and applied according to label instructions. If this product is not as warranted, please call 1-800-634-0015 for refund or product replacement details. This warranty excludes labor or the cost of labor and is given as the exclusive warranty and remedy. **No warranty of merchantability, fitness for purpose or other warranty, express or implied, is made.** Macco shall not be liable for any special, incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so the limitations may not apply. This warranty gives specific legal rights. You may also have other rights that vary from state to state.

LN-950

TECHNICAL INFORMATION

Base: Polyurethane

Type: Moisture Cure

Consistency: Non-sag, thick mastic

Color: Tan

Application Temperature: 40° to 100° F
(5° to 38° C)

Service Temperature: -40° to 300° F
(-40° to 149° C)

Adhesion: Good to wood, concrete, marble, granite, brick, aluminum, rubber

Sag (ASTM D 2202): less than 0.15"

Shear Strength: 24 hours -> 175 psi
48 hours -> 250 psi

Skin Time: (73°/50% Rel. Hum.) 35 minutes

Tack-Free Time: (73°/50% Rel. Hum.) 60 minutes

Cure Time: (1/4" bead, 73°/50% Rel. Hum.)
<12 hours

Weight Per Gallon: 14.8 pounds (1.77 kg/l)

Specific Gravity: 1.78

Viscosity: 200,000 CPS

Volatiles: 7%

Solids: 93%

Flash Point: 135°F (57°C)

Hardness (Shore A Durometer): >60

Staining: No staining on typical construction materials, including Marble and Granite

Durability: Excellent, will not embrittle, crack, or lose flexibility with exposure to heat

Water Resistance: Waterproof, Not recommended for water immersion applications

Exterior Weathering: Very Good; exposure to sunlight may result in darkening of adhesive

Odor: Mild Hydrocarbon odor during application. Odor dissipates within 4-6 hours

Flammability: Nonflammable when cured

Coverage: 30 lineal feet (10 lineal meters) for 1/4" (6 mm) bead from 10 oz (300 ml) cartridge

Specifications: Meets ASTM-D-3498 & C-557

Shelf Life: 12 months from date of purchase

MAX VOC: 115 GPL

WARNING!

COMBUSTIBLE. HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.

NOTICE: This product contains solvents. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains Crystalline Silica. If sanding is done, wear a dust mask to avoid breathing of sanding dust. Keep away from heat, sparks and flame. **Do not smoke.** **Vapors may ignite.** Vapors may spread long distances. Extinguish all flames, burners, stoves, heaters and pilot lights and disconnect all electrical motors and appliances before use and until all vapors are gone. Do not breathe vapors. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. Avoid contact with eyes and skin. Close container after use.

FIRST AID: In case of skin contact, wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin, then wash again with soap and water. Repeated applications may be needed. Remove contaminated clothing. For eye contact, flush **immediately** with large amounts of water for at least 15 minutes. **Obtain emergency medical treatment.** If swallowed, **obtain medical treatment immediately.** If inhalation causes physical discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, **get medical help.** For emergency information, customer service, MSDS or additional safety and chronic hazard information, call 1-800-634-0015. **KEEP FROM FREEZING.** MDS58-0705



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Customer Service 1-800-634-0015