

**LIQUID
NAILS®**
BRAND

POLYURETHANE

Construction Adhesive

LN-950

Interior & Exterior

An excellent weather-proof adhesive specially formulated to adhere to non-porous surfaces

PRODUCT DESCRIPTION

LIQUID NAILS® Polyurethane Construction Adhesive, LN-950, provides a weather-proof 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 FOR

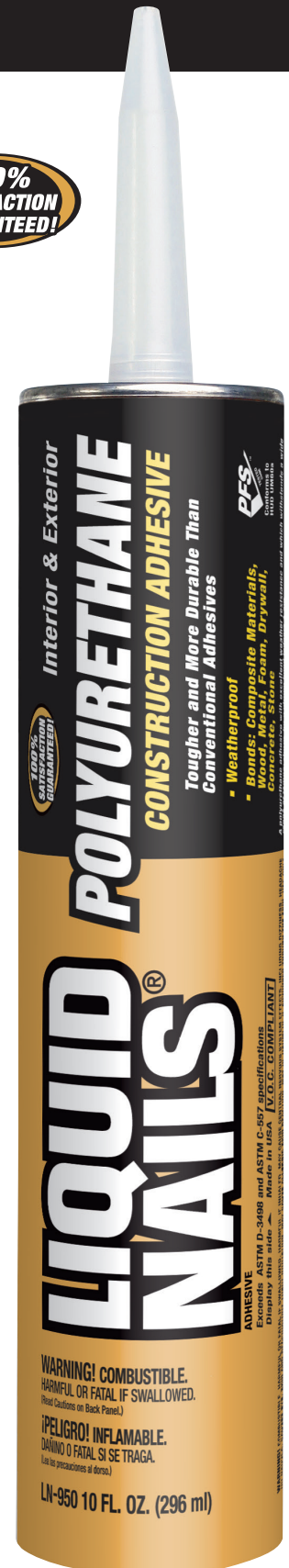
- Brick veneers
- Countertops
- 1/8" MDF paneling
- Foamboard
- Plastics & vinyl
- Subfloors
- Ceramics & mirrors
- Metal Studs
- Particleboard (with plywood & waferboard)
- Plywood & waferboard
- Treated lumber
- Drywall
- Tileboard
- Granite & marble
- Cabinets
- Concrete & stone
- Composite materials

NOT RECOMMENDED FOR

- Ceiling tile

PRODUCT ADVANTAGES

- Tougher and more durable than conventional adhesives
- Weatherproof
- Bonds to a wide range of materials and surfaces
- Withstands wide range of temperatures
- Strong bond indoors and out
- VOC compliant everywhere
- Exceeds ASTM D-3498 and ASTM C-557 specifications



Please research all installation instructions and read entire label and Material Safety Data Sheet for safety, health & environmental information prior to use. See other cautions on last page.

SURFACE PREPARATION

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.

APPLYING THE PRODUCT

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

PPG warrants satisfaction with this product when handled and applied according to label instructions. If product is not as warranted, PPG will, at your option, furnish replacement product or refund the purchase price. Please call 1-800-634-0015 for details. This limited 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. PPG shall not be liable for any special, incidental or consequential damages.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions/limitations may not apply. This limited warranty gives specific legal rights; you may have other rights that vary by state.

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. 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.**

LN-950 TECHNICAL INFORMATION

Base: Polyurethane

Type: Moisture Cure

Consistency: Non-sag, thick mastic

Color: Tan

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

Service Temperature: -40–300° F
(-40–149° 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

Minimum 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

VOC: < 7% by wt. (115 g/L)