

Architectural Coatings

Liquid Nails Projects Interior Construction Adhesive

GENERAL DESCRIPTION

Liquid Nails Projects Construction Adhesive, LN-704, offers water clean-up when wet, develops strength rapidly, and has excellent water resistance and long-term holding power when set. Projects Construction Adhesive is certified by UL Environment to meet the GREENGUARD Gold Standard as a low emitting material.

RECOMMENDED SUBSTRATES

Bonds To: Wood, Corkboard, Drywall, Hardboard, Paneling, Particleboard, Treated Lumber, Plywood, Foam Insulation, Ceramic Tile Repair, Concrete, Brick Veneer, and Furring Strips.

FEATURES / BENEFITS

- Safe for indoor use
- High strength bond
- Low odor
- Easy water clean up
- Bridges gaps up to 3/8"
- Up to 30 minutes open time
- Non staining
- Will not attack foam insulation
- Exceeds ASTM C557

CONFORMANCE STANDARDS

VOC compliant in all regulated areas



PRODUCT INFORMATION / PACKAGING

LN-704 10.0 FL OZ (295 mL) Tube (12 or 24 Tubes/Carton)

LIMITATIONS OF USE

Not recommended for exterior use, application of ceiling tile, finished floors, mirrors, plastic, vinyl, marble, granite, foamboard-to-foamboard, basement applications, and moist concrete or masonry.

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

PRODUCT DATA

- BASE:** Latex
- COLOR:** Off-White
- APPEARANCE:** Smooth paste
- APPLICATION TEMPERATURE:** 40°F to 100°F (4°C to 38°C)
- SERVICE TEMPERATURE:** Up to 120°F (49°C)
- BRIDGING ABILITY:** Good; bridges gaps to 3/8" (9.5 mm)
- SHEAR STRENGTH:**
 - 24 hours – 150 psi
 - 48 hours – 180 psi
 - 7 days – 240 psi
- R.T. STATIC LOAD IN SHEAR:** 10 lbs., No failure in 72 hours
- TENSILE STRENGTH:**
 - 24 hours - 60 psi avg.
 - 7 days - 75 psi avg.
- WEIGHT PER GALLON:** 12.18 lbs. (5.52 kg)
- VISCOSITY:** 400,000 cps
- OPEN TIME:** 30 minutes at room temperature
- MINIMUM CURE TIME:** 24 hours at room temperature
- FREEZE/THAW STABILITY:** No effect after 5 cycles
- FLAMMABILITY:** Non-flammable
- FLASH POINT:** > 200°F (93°C)
- PERCENT VOLATILE:** 38%
- PERCENT SOLIDS:** 62%
- 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 Latex
- SPECIFICATIONS:** Exceeds ASTM C557
- MAX VOC:** < 7% by weight

Read Label and Safety Data Sheet Prior to Use. See other cautions on last page.

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. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

DIRECTIONS: Surfaces must be clean, structurally sound, and free of loose particles. For smooth surfaces, adhesion can be improved by lightly sanding bond area. Cut cartridge tip to desired bead size, puncture foil seal inside the tip of the cartridge, and place cartridge into caulk gun. Apply when 40°F (4°C) and higher. One surface must be porous. **Furring Strips or Studs:** Apply ¼" (6 mm) zigzag bead to each strip or stud. Press into place. Use nails at both ends. **For Foamboard, Paneling, Corkboard, Brick Veneer, etc., to Flat Surfaces:** Use ¼" (6 mm) vertical zigzag beads a maximum of 12" (30.5 cm) apart and within ½" (13 mm) of all edges.

CLEANUP: Water for wet adhesive; scraping and mineral spirits 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! HARMFUL IF INHALED. Sanding and grinding dusts may be harmful if inhaled. 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. Do not breathe vapor. Do not swallow. Do not get on skin or clothing. 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. **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. Contains isothiazolinones. May cause allergic reaction. 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.). **WARNING:** Cancer – www.P65Warnings.ca.gov.

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