

Architectural Coatings

Liquid Nails Heavy Duty Interior/Exterior Construction Adhesive

GENERAL DESCRIPTION

Liquid Nails Heavy Duty Construction Adhesive, LN-903/LNP-903, is a multipurpose, low-solvent, high-strength construction adhesive specially formulated to provide the professional and do-it-yourselfer excellent adhesion and extended working time. Qualifies for points as a low emitting material under LEED v4.

RECOMMENDED SUBSTRATES

Bonds To: Wood, Treated Wood, Plywood, OSB, Waferboard, Particleboard, Drywall, Concrete, Cementboard, Brick Veneers, Tileboard, and Exterior Foamboard.

FEATURES / BENEFITS

Strong bond will outlast project
Water-Resistant & Weather-Resistant
Bonds a wide range of construction materials
Interior & Exterior
Strong, durable and flexible
Instant holding power
20 minute working time
Bridges gaps

CONFORMANCE STANDARDS

VOC compliant in all regulated areas



PRODUCT INFORMATION / PACKAGING

LN-903 10.0 FL OZ (295 mL) Tube (12 or 24 Tubes/Carton)
LNP-903 28 FL OZ (828 mL) Tube (12 Tubes/Carton)
LN-903 1 Quart
LN-903 1 Gallon
LN-903 5-Gallon Pail

PRODUCT DATA

BASE: Latex
COLOR: Tan
APPEARANCE: Smooth paste
APPLICATION TEMPERATURE: 40°F to 100°F (4°C to 38°C)
SERVICE TEMPERATURE: 0°F to 140°F (-18°C to 60°C)
SAG (ASTM D2202): <0.10"
SHEAR STRENGTH: 24 hours – 150 psi
48 hours – 180 psi
7 days – 240 psi
WEIGHT PER GALLON: 12.7 lbs. (5.76 kg)
VISCOSITY: 500,000 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
PERCENT VOLATILE: 28%
PERCENT SOLIDS: 72%
COVERAGE: Approximately 30 linear ft. (9 linear meters) using a 1/4" (6 mm) bead, for 10.0 FL OZ tube. Approximately 85 linear ft. (26 linear meters), for 28 FL OZ tube.
SHELF LIFE: One year from date of purchase
ODOR: Slight Latex
SPECIFICATIONS: Exceeds ASTM C557
MAX VOC: < 7% by weight

LIMITATIONS OF USE

Not recommended for plastics, vinyl, ceramics, mirrors, granite, marble, ceiling tile, flooring, and subfloors.

Not recommended for use on wood stair treads, underlayment, or installing tileboard directly to studding.

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

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. **Cabinets & Countertops:** Apply ¼" (6 mm) bead to contact areas. Press into place. Mechanical fasteners must be used for wall cabinets. **Furring Strips or Studs:** Apply ¼" (6 mm) zigzag bead to each strip or stud. Press into place. Use nails at both ends. **Drywall:** Apply ¼" (6 mm) zigzag bead to each stud. Press drywall into place. Position drywall panels so that edges meet at stud center. Nail as required.

CLEANUP: Water for wet adhesive; 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.

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