



Energy Saving\*

# MULTI-PURPOSE

LRS-280

Interior/Exterior

## Indoor/outdoor latex caulk ideal for most building materials

### PRODUCT DESCRIPTION

LIQUID NAILS® Energy Saving\* Multi-Purpose Caulk (LRS-280) is a paintable, low odor, latex-based caulking compound that offers easy gunning on indoor and outdoor projects. It is easy to use and cleans up easily with water.

*\*based on USEPA Energy Star program recommendations*

### RECOMMENDED FOR

Caulking around:

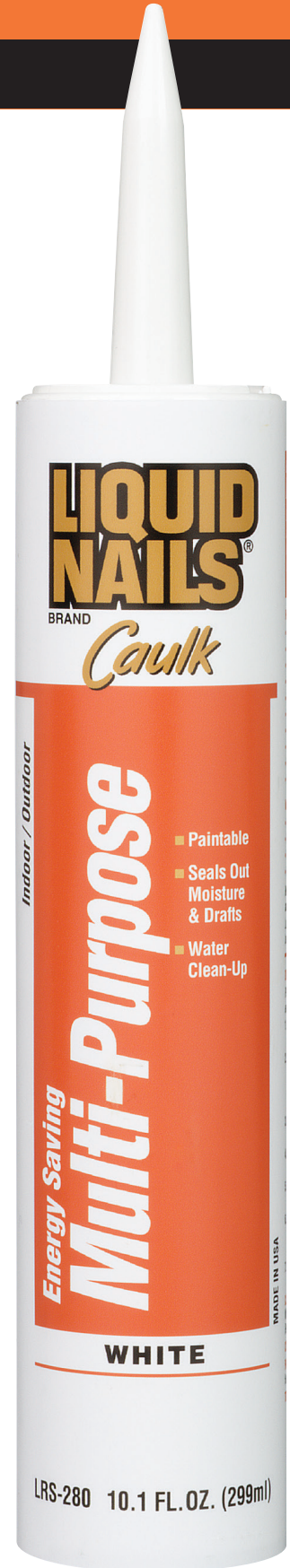
- Window/door frames
- Plaster
- Brick
- Siding & trim
- Painted surfaces
- Vinyl
- Moldings
- Baseboards
- Plumbing fixtures
- Glass
- Metal
- Sinks & countertops
- Backsplashes
- Wood
- Concrete & masonry
- Electrical outlets
- Stucco
- Aluminum
- Drywall

### NOT RECOMMENDED FOR

- Applications below the water-line
- Aquariums
- Automotive uses
- Wet or green wood
- On top of silicone
- Gaps widens than 1/2"

### PRODUCT ADVANTAGES

- Seals out moisture, air and dust
- Adheres to most common building materials
- Easy to gun and tool at temperatures over 40° F (5° C)
- Can be painted with oil or latex based paints within one hour
- Good sag control
- Water clean up



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.



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## SURFACE PREPARATION

Apply in dry weather above 40°F (3°C). Do not caulk when rain is expected. Remove old caulk. Clean and dry surface. Remove any soap film with rubbing alcohol. Fill deep joints with backer rod to within 1/2" of surface. **Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead.** Exposure to lead dust or fumes may cause adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD.

## APPLYING THE PRODUCT

Load LRS-280 cartridge into standard caulking gun. Cut nozzle at 45° angle for desired bead size (marked on nozzle). Using consistent pressure, apply continuous bead into gap at 45° angle. Smooth over with wet gloved finger or tool until **LEVEL** with surface. Caulk skins over within 10 minutes. Let dry 24 hours before exposing to water. Humidity may extend dry time. **Painting Guidelines:** Oil or latex after 24 hours. Humidity may extend dry time.

## CLEAN UP

Use water or mineral spirits when wet. For dry material, scrape and then wipe with mineral spirits.

## 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! 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. USE ONLY WITH ADEQUATE VENTILATION. KEEP OUT OF THE REACH OF CHILDREN.** 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, wear a dust mask to avoid breathing of sanding dust. Avoid contact with eyes and skin. **FIRST AID:** For skin contact, wash thoroughly with soap and water. If any product remains, gently rub with petroleum jelly, vegetable or mineral/baby, then wash again with soap and water. Repeat as needed. Remove contaminated clothing. For eye contact, flush **immediately** with plenty of water for at least 15 minutes. **Get medical attention.** If swallowed, **get medical attention immediately.** If inhalation causes discomfort, remove to fresh air. If discomfort persists or any breathing difficulty occurs, **get medical attention.** **For emergency information, customer service, MSDS information or additional safety and chronic hazard information, call 1-800-634-0015. KEEP FROM FREEZING.**

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## LRS-280 TECHNICAL INFORMATION

**Base:** Ethylene vinyl acrylic  
**Type:** Water-based latex  
**Color:** White  
**Appearance:** Smooth paste  
**Application Temperature:** 40–100° F  
(5–38° C)  
**Service Temperature:** -10–200° F  
(-23–93° C)  
**Adhesion:** Good to most common building substrates  
**Extrudability:** Excellent  
**Consistency:** Gun grade caulk  
**Durability:** Good  
**Elongation:** 50%  
**Flexibility:** Good  
**Volume Shrinkage:** 29%  
**Slump:** Less than 0.15"  
**Shore "A" Hardness:** 70 to 75  
**Total Joint Movement:** 10% max  
**Water Resistance:** Good  
**Exterior Weathering:** Good  
**Aging:** Will not become brittle  
**Freeze-Thaw Stable:** Passes 5 cycles  
**Bleed:** None  
**Staining:** None  
**Odor:** Mild latex  
**Tack Free Time:** 20 minutes  
**Drying Time:** Sets in 24-48 hours. Allow 72 hours to completely dry  
**Weight Per Gallon:** 14 pounds (6.3 kg)  
**Viscosity:** 400,000 CPS  
**Solids:** 78%  
**Flammability:** Nonflammable  
**Flash Point:** Greater than 200°F (93°C)  
**Coverage:** Approximately 30 lineal ft. (9.14 lineal meters) using 1/4" (.64cm) bead  
**Shelf Life:** One year from date of purchase  
**VOC:** < 1.5% by wt.

PPG Architectural Coatings  
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[www.liquidnails.com](http://www.liquidnails.com)  
1-800-634-0015

Made in the  
**USA**