

LN-930

Interior

This flexible permanently bonding construction adhesive will not damage reflective backing

PRODUCT DESCRIPTION

LIQUID NAILS® Mirror Adhesive, LN-930, is a permanently bonding construction adhesive which will not damage reflective backing on mirrors. Ten minute working time allows precision placement to most surfaces. Formula features a strong vertical bond which is heat and steam resistant.

RECOMMENDED FOR

bonding mirrors to:

- Concrete
- Drywall
- Metal
- Painted surfaces
- Wood
- Plaster (primer or sealed)

NOT RECOMMENDED FOR

- Uses other than mirror installation
- Ceiling applications
- Wallpapered surfaces
- Exterior use

PRODUCT ADVANTAGES

- Will not damage reflective backing
- Strong vertical hold
- Heat & steam resistant
- Permanent bond
- Stays flexible



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, dry, free from dust, dirt, grease and structurally sound. When used on porous substrates such as unpainted plaster, drywall and concrete, the surface must be sealed with a high quality primer. If surface has been painted, surface needs to be scratched with a coarse sandpaper before adhesive is applied. On non-porous substrates such as glass, tile or metal, bond coating is not necessary.

APPLYING THE PRODUCT

Insert tube into caulking gun, cut nozzle and puncture inner seal. Apply adhesive to mirror back in 2 to 3 inch diameter globs, at least 1/2" thick, per every sq.ft. of mirror. Press into place within 10 minutes. The adhesive should be approximately 1/16" to 1/8" in thickness after mirror installation. Do not remove mirror once in place. A support system such as permanent J channels or L hangers should be used for heavier mirrors and mirrors thicker than 1/8". Otherwise use pins which can be removed after adhesive has set up. Mirror adhesive will cure to 60% strength in 48 hours at normal room temperature. Full cure depends on temperature, humidity and amount of air that can reach the adhesive. Do not seal edges for one week.

CLEAN UP

Use mineral spirits or an adhesive remover.

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.

DANGER! EXTREMELY FLAMMABLE. 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. Keep away from heat, sparks and flame. **Do not smoke. Vapors may ignite explosively.** 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:** For skin contact, wash thoroughly with soap and water. If any product remains, gently rub with petroleum jelly, vegetable or mineral/baby oil 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 physical 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.**

**LN-930
TECHNICAL INFORMATION**

Base: Synthetic rubber and resin

Color: Tan

Appearance: Smooth paste

Application Temperature: 10–100°F
(-12–38°C)

Service Temperature: 0–120°F
(-18–49°C)

Adhesion: Excellent to specified
mirror backings

Extrudability: Excellent

Consistency: Smooth, short

Bridging Ability: Excellent

Shear Strength: 24 hours – 200 psi
48 hours – 280 psi
7 days – 300 psi

Durability: Excellent

Flexibility: Excellent

Water Resistance: Excellent

Freeze-Thaw Stable: Will not freeze

Bleed: None

Odor: Solvent

Working Time: 10 minutes

Drying Time: 60% strength in 24 hours

Minimum Cure Time: 24 hours

Weight Per Gallon: 11.9 pounds (1.42 kg/l)

Viscosity: 520,000 CPS

Volatiles: 16%

Solids: 84%

Flammability: Extremely flammable;
non-flammable when dry

Flash Point: <1°F (-17°C)

Coverage: 30 lineal ft. using 1/4" bead
for 10 fl.oz.

Shelf Life: 12 months from date of purchase

VOC: < 40% by wt. (196 g/L)