



CLEAR SEAL

All Purpose Sealant

CS-144

Interior & Exterior

A premium clear sealant that seals and bonds all surfaces. Clearer than silicone

PRODUCT DESCRIPTION

LIQUID NAILS® CLEAR SEAL™ All-Purpose Sealant, CS-144, is a premium grade clear sealant that seals and bonds most surfaces and most common building materials. This sealant is clearer than silicone sealants. It gives a watertight, mildew-resistant seal. Provides excellent adhesion, durability and flexibility. Paintable.

RECOMMENDED FOR

Sealing and waterproofing:

- Glass/fiberglass
- Window & door frames
- Metal
- Concrete
- Rubber

NOT RECOMMENDED FOR

- Polystyrene foam insulation
- Tub surrounds
- Use below the water-line
- Aquariums
- Automotive uses
- On top of silicone
- Wet or green lumber
Excessive joint movement might be experienced as wet or green wood dries.

PRODUCT ADVANTAGES

- Bonds and seals most surfaces
- Permanent elasticity
- Gives mildew-resistant seal
- Excellent adhesion & flexibility
- Satisfaction guaranteed
- Meets ASTM C920
- Stays crystal clear
- Watertight seal
- Clearer than silicone
- Paintable
- Use on similar & dissimilar surfaces



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

Clean and dry surface thoroughly before applying this product. Remove any old caulk. Fill any deep joints with backer rod to within 1/2" of surface. Sealant should be applied in dry weather at temperatures above 40°F (4°C). For easier gunning in cold weather, condition sealant to room temperature prior to use. Do not use this product when rain is expected within 24 hours.

APPLYING THE PRODUCT

Squeeze tube: Knead tube to soften contents. Cut tip at 45° angle where marked for desired bead size.

To apply product, start at back end and squeeze towards nozzle. Using consistent pressure, apply continuous bead into gap at 45° angle. Do not tool. Sealant skins over within 5 minutes.

Painting Guidelines: Oil or latex paint after 24 hours. Humidity may extend drying time.

CLEAN UP

When wet, clean up with mineral spirits. Dried sealant is non flammable and can be scraped or cut away.

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! 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. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. 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. 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 each 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, 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.**

CS-144

TECHNICAL INFORMATION

Base: Synthetic rubber

Type: Solvent release

Color: Water clear

Appearance: Smooth gel

Application Temperature: 40–100° F
(3–38° C)

Service Temperature: -10–140° F
(-23–60° C)

Adhesion: Excellent to a wide
variety of substrates

Extrudability: Good

Consistency: Gun grade sealant

Durability: Excellent - remains flexible
for years of service

Elongation: Greater than 350% at room
temperature

Flexibility: Flexible to -10° F (-23° C)

Volume Shrinkage: 47%

Slump: Max 0.15"

Shore "A" Hardness: 40 to 60

Total Joint Movement: 25% max

Water Resistance: Excellent

Exterior Weathering: Excellent

Aging: Excellent - under UV will
not harden or lose clarity

Freeze-Thaw Stable: Will not freeze

Odor: Solvent

Tack Free Time: Tack at drying time - none
Tack at 24 hours - none

Drying Time: Sets in 24-48 hours. Allow
5 days to completely dry

Weight Per Gallon: 7.3 pounds (3.29 kg)

Viscosity: 500,000 CPS

Solids: 60%

Flammability: Flammable until fully dried

Flash Point: 55°F (13°C)

Coverage: 17 lineal ft. (5.18 lineal meters)
using 1/4" (.64cm) bead

Shelf Life: One year from date of purchase

Specifications: Meets performance
requirements of
ASTM C-920

VOC: < 38% by wt.