

# Pecora 860

Glaziers & Contractors Silicone Sealant

## Specification Data Sheet



### BASIC USES

Pecora 860 is an economical, one-part, acetoxy silicone sealant designed for glass shop glazing jobs, industrial applications and general purpose sealing. The sealant cures in the presence of moisture and adheres well without primer to glass, many plastics, aluminum and steel, fiberglass, ceramics and wood, including painted surfaces.

### 2. MANUFACTURER

Pecora Corporation  
165 Wambold Road  
Harleysville, PA 19438  
Phone: 215-723-6051  
800-523-6688  
Fax: 215-721-0286  
Website: www.pecora.com

### 3. PRODUCT DESCRIPTION

When fully cured and washed, Pecora 860 meets the requirements of FDA Regulation 21CFR177-2600 for use on countertops and other areas where it may be in repeated contact with food.

**Limitations:** Pecora 860 should not be used:

- In aquariums or under water.
- On masonry, concrete or natural stone.
- On copper, lead or galvanized metal.
- On oily woods or building materials that bleed oils, plasticizers or solvents, including some types of setting blocks, gaskets and tapes.
- In totally confined areas which would retard the sealant cure.
- In structural glazing applications.
- On surfaces that require the sealant to be painted.
- For below grade applications.
- On horizontal traffic areas.

### PACKAGING

- 10.3 fl. oz. (305 ml) plastic cartridges

### COLOR

- Black, Bronze, Aluminum, Tru-White, Translucent

### 4. TECHNICAL DATA

Consult Typical Physical Properties Chart.

### 5. INSTALLATION

**Joint Design:** Joints should be designed four times the anticipated movement of building components. Joints should not be less than 1/8" (3 mm) wide. In joints up to 3/8" (9 mm) wide, the depth should be equal to the width. In joints wider than 3/8" (9 mm) and not exceeding 1" (25 mm), the depth should be maintained at 3/8" (9 mm).

**Surface Preparation:** Surfaces should be clean, dry and free of all contaminants such as protective coatings, oils, grease and soap or detergent films.

**Primer:** No primer is required for aluminum and glass surfaces. However, for maximum adhesion on other glazing materials, priming may be recommended. A bead of silicone sealant on the substrate material is always recommended to test adhesion prior to job use. Some materials

such as fluropolymer coatings, PVC, polycarbonate, acrylic and other materials with variable surface characteristics often need priming.

Primers for other substrates:

Wood (pine): P-64

Metals (copper, steel, and some aluminum): P-120

**Masking:** Surfaces adjacent to joints should be masked before priming and/or sealant application to prevent staining and present a neat sealant line.

**Backer Rod:** Install a resilient, non-gassing backer rod or bond breaker tape in joint too shallow for backer rod.

**Application:** The sealant should be applied in a continuous operation using sufficient pressure to fill the joint completely and ensure firm contact to the joint sides.

**Tooling:** Tool sealant slightly concave before skin forms, (5 to 10 minutes).

The sealant normally is tack free within 30 minutes and cures through (1/8" (3 mm) bead) within 24 hours, depending on temperature and humidity.

**Cleaning:** Immediately remove all uncured sealant and smears adjacent to joints with mineral spirits. For equipment cleanup, also use mineral spirits. Consult manufacturer's MSDS for handling and safety precautions.

### TYPICAL PHYSICAL PROPERTIES

Test Property	Value	Test Procedure
Elongation (%)	475	ASTM D412
Hardness, Shore A	20-25	ASTM C661
Movement Capability (%)	±25	ASTM C719
Tensile Strength		
@ 100% Elongation, modulus (psi)	62	ASTM D412
Ultimate (psi)	270	ASTM D412
VOC Content: (%)	<1	ASTM D3960

**Storage Life:** Approximately 9 months from date of shipment when stored in unopened cartridges below 80°F (27°C).

**Precautions:** Use in well ventilated areas. If breathing is difficult, give oxygen and call physician. Remove uncured sealant from skin with dry towel or cloth and wash thoroughly with soap and water. Consult physician if irritation persists. In case of accidental eye contact, flush eyes with running water for 15 minutes and consult physician. If sealant is taken internally, consult a physician immediately. Refer to Material Safety Data Sheet.

**FOR PROFESSIONAL USE ONLY.  
KEEP OUT OF THE REACH  
OF CHILDREN.**

**6. AVAILABILITY AND COST**

Pecora products are available from our plants and warehouses, or from stocking distributors in all major cities. For the name and telephone number of your nearest representative call one of our locations listed below or visit our website @ [www.pecora.com](http://www.pecora.com).

**7. WARRANTY**

Pecora Corporation warrants its products to be free of defects. Under this warranty, we will provide, at no charge, replacement materials for or refund the purchase price of, any product proven to be defective when installed in accordance with our published recommendations and in applications considered by us as suitable for this product. This warranty is in lieu of any and all other warranties, expressed or implied, and in no case will Pecora be liable for incidental or consequential damages.

**8. MAINTENANCE**

If the sealant is damaged and the bond is intact, cut out the damaged area and recaulk. No primer is required. If the bond has been affected, remove the sealant, clean and prepare the joint in accordance with the instructions under "INSTALLATION".

**9. TECHNICAL SERVICES**

Pecora representatives are available to assist you in selecting an appropriate product and to provide on-site application instructions or to conduct jobsite inspections. For further assistance call our Technical Service Department at 800-523-6688.

**10. FILING SYSTEMS**

- Electronic Spec-Data®
- Spec-Data®II
- Sweet's Catalog File: [www.sweets.com](http://www.sweets.com)
- General Building
  - 07100 Waterproofing
  - 07920 Sealants
  - 08850 Glazing
- Civil Engineering
  - 07100 Waterproofing



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