Pecora® 898NST NON STAINING TECHNOLOGY™

Non-Staining, Sanitary Mildew Resistant Silicone Sealant

PECORA CORPORATION®

SPECIFICATION DATA SHEET

BASIC USES

- Pecora 898NST is used for sealing the perimeters of fixtures of bathroom, lavatory, kitchen, clean room, and other hygienic facilities. It is also used to reset and/or re-grout ceramic tile. 898NST will not stain natural stone such as marble and granite.

MANUFACTURER

Pecora Corporation
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Phone: 215-723-6051
800-523-6688
Fax: 215-721-0286
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PRODUCT DESCRIPTION

Pecora 898NST is a single component, very low odor, non-staining, neutral curing silicone sealant with excellent aesthetic characteristics in that it will not stain sensitive porous natural stones such as granite or marble. Reduction in long term dirt pick up on sealant surface is also a feature of the Pecora NST line of silicone architectural grade sealants. Pecora 898NST is expressly developed for those interior applications requiring a high degree of cleanliness, freedom from bacterial growth and an appearance complimentary to adjacent surfaces. Pecora 898NST adheres extremely well to glass, plastics, ceramic tile, glazed pottery, natural or cultured marble, porcelain, enamel, metals, painted wood, granite, limestone, and other natural stones.

Advantages:

- Mold and mildew resistant even under prolonged hot and humid environments. It is unaffected by free steam and is noncorrosive to copper, brass or zinc alloys.
- Non-staining formula: Will not stain natural stone such as marble and granite. Does not include fluid that can migrate from joint and collect dirt that may promote mold and mildew growth.
- Neutral-curing chemistry does not have the permeating acetic acid (vinegar) odor associated with other silicone sanitary sealants.
- Remains permanently flexible at all temperatures preventing shrinking, cracking and crumbling.
- Will not sag or slump in vertical joints in the hottest of weather.

Limitations:

Pecora 898NST should not be used:

- In applications that require continual water submersion.
- In floor joints where the sealant is subject to abrasion and physical abuse.
- On building materials that bleed oils, plasticizers or solvents, i.e. oil-based caulks, impregnated wood, green or partially vulcanized rubber gaskets or tapes.
- In totally confined spaces since sealant requires atmospheric moisture to cure.
- In areas that require painting of the sealant after application.

TECHNICAL DATA

Applicable Standards: Pecora 898NST meets Federal Specifications, TT-S-001543A, TT-S-00230C, Class A and ASTM C920, Class 50, Grade NS, Use NT, G, A, M and O. It has USDA acceptance for use in meat and poultry processing plants, CAN/CGSB-19, 13-M87.

Joint Sealants: Proper sealant dimensions are critical when installing elastomeric joint sealants. Generally, a sealant width-to-depth ratio of 2:1 is recommended. Dynamic joint conditions will require a minimum ¼" width and 3/16" depth in order to maintain the sealant's movement capabilities.
For joints greater than 1", consult Technical Services.

PACKAGING

- 10.1 fl. oz. (300 ml) plastic cartridges
- 2-gallon (7.57 L) pails
  - Special order (30-gallon Minimum)

COLOR

- Almond, Black, Tru-White, Translucent
- Custom colors available in 30-gallon

INSTALLATION

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

TABLE 1: TYPICAL UNCURED PROPERTIES at 77°F (25°C), 50% R.H.

Test Property	Value	Test Procedure
Curing Time (days)	7-14	Pecora Corporation
Flow, Sag or Slump (inches)	0.05	ASTM C639
Full Adhesion (days)	7-14	Pecora Corporation
Tack Free Time (minutes)	30	ASTM C679
Tool/Work Time (minutes)	20-30	Pecora Corporation
Viscosity (cps)	700,000	Brookfield, #7 @ 10rpm

TABLE 2: TYPICAL CURED PROPERTIES After 7 days cure at 77°F (25°C), 50% R.H.

Test Property	Value	Test Procedure
Cyclic Movement (%)	+50	Pecora Corporation
Elongation, ultimate (%)	450	ASTM C719
Hardness (Shore A)	25-35	ASTM D412
Ozone/UV Resistance	Excellent	ASTM C661
Peel Adhesion-glass, white marble, granite, fiberglass	Pass	Weatherometer
Service Temperature Range (°F)	-60 to 300	ASTM C794
Tensile Strength		
100% Elongation (psi)	45-55	ASTM C1135
Ultimate (psi)	165	ASTM C1135
Staining of Porous Substrates	None	ASTM C1248
Fungi Resistance	No growth <2 ug	ASTM G21
VOC Content (g/L)	<50	EPA Method 24
VOC Emmisions (TVOC)	PASS (All Exposure Scenarios)	CDPH v1.2 2017

Since Pecora Architectural Sealants are applied to varied substrates under diverse environmental conditions and construction situations it is recommended that substrate testing be conducted prior to application.

For the most up to date information, please visit our website at pecora.com.

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Priming: Priming is not required on ceramic tile, glass or glazed surfaces. Certain other surfaces may require a primer for best adhesion. Contact Technical Services Department (800-523-6688) for specific recommendations.

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

Application: Sealant may be applied directly from plastic cartridges or bulk gun. No mixing or heating is required. The sealant should be applied in a continuous operation using sufficient pressure to fill the joint completely and insure firm contact to joint sides. Tool sealant slightly concave immediately after application using dry tooling techniques or a solvent. Do not tool with soap or detergent and water solutions. Remove masking tape and excess uncured sealant from adjacent surfaces using mineral spirits.

Clean Up: Immediately remove all excess sealant and smears adjacent to joints with mineral spirits. Also use mineral spirits for removing uncured sealant from equipment. Remove cured sealant by scraping, sandpapering, etc. (Caution: mineral spirits is flammable and toxic. Observe manufacturer's precautions).

Tool Time: (Initial Skin): 20-30 minutes at 77˚ F (25˚ C), 50% RH. Higher temperatures and humidity will shorten this time.

Shelf Life: 12 months in original unopened cartridges (9 months in bulk containers) when stored at temperatures lower than 80˚ F (27˚C).

Precautions: Use with adequate ventilation or wear an appropriate NIOSH-approved respirator. Contact with uncured sealant or with vapors generated during curing may cause respiratory tract irritation. Contact with skin or eyes may cause irritation or allergic reaction. Avoid contact and wash thoroughly after handling. May be harmful if swallowed. Refer to Safety Data Sheet (SDS) for more information.

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

AVAILABILITY AND COST

Pecora products are available from stocking distributors nationwide. For the name and telephone number of your nearest representative, call the number below or visit our website at www.pecora.com.

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 used in strict accordance with our published recommendations and in applications considered by us as suitable for this product. The determination of eligibility for this warranty, or the choice of remedy available under this warranty, shall be made in our sole discretion and any decisions made by Pecora Corporation shall be final. This warranty is in lieu of any and all other warranties, expressed or implied, including but not limited to a warranty of merchantability or fitness for a particular purpose and in no case will Pecora be liable for damages other than those expressly stated in this warranty, including but not limited to incidental or consequential damages.

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".

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 please call our technical services team at 215-723-6051 or 800-523-6688.

FILING SYSTEMS

CSI MasterFormat Designations:

- 07 92 00: Joint Sealants

DON'T STAIN YOUR REPUTATION™ - Pecora NST Non-Staining Technology

For most recent updates, please visit our website at www.pecora.com

Pecora is a member of and supports: SWRI, CSI, AIA, ICRI, ABAA, USGBC, IPI.
Pecora products are proudly made in America.

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PECORA SEALANTS