



Green Building Certification Data

July 1, 2022

Products: Pecora 890NST and 890NST-LV (low-VOC) Nonstaining Ultra-Low Modulus Silicone Sealant

For the purposes of the green building rating and certification systems below, Pecora certifies the following information for Pecora 890NST and 890NST-LV (low-VOC):

General:

CSI Designation: 07 92 00 Joint Sealants

Sealant Product Category: These products are classified as Architectural Sealants in accordance with Federal, regional, and state air quality model rules and regulations.

LEED® v4 and v4.1:

MR Credit Building Product Disclosure and Optimization-Environmental Product Declarations:

Environmental Product Declaration (EPD), Life Cycle Assessment (LCA), Health Product Declaration (HPD), or Cradle to Cradle (C2C) documentation are not available.

MR Credit Building Product Disclosure and Optimization-Sourcing of Raw Materials:

Raw Material Sourcing and Extraction: These products consist of multiple ingredients whose extraction sources are unknown to Pecora due to their variability and multilayered complexity.

Extended Producer Responsibility: No; product take-back is not feasible for sealants.

Bio-based Materials: 0% bio-based content, including wood or rapidly renewable materials.

Recycled Content: 0% post-consumer content and 0% pre-consumer recycled content.

Corporate Sustainability Reports: Unavailable from raw materials suppliers or from Pecora.

Manufacturing Location: Harleysville, Pennsylvania 19438 USA.

MR Credit Building Product Disclosure and Optimization-Material Ingredients: Disclosure of material ingredients to 0.1% (1000 ppm) is not available.

Indoor Environmental Quality Credit Low-Emitting Materials–Adhesives & Sealants:

VOC Content: Pecora 890NST and 890NST-LV contain 98 g/L and <50 g/L VOC content, respectively, and satisfy VOC content limits set by one or both referenced amendments to SCAQMD (South Coast Air Quality Management District) Rule 1168 for Architectural Sealants:

LEED® v4: 250 g/L, effective July 1, 2005

LEED® v4.1: 50 g/L, effective 1/1/2019 per Table 1 of October 6, 2017 amendment

VOC Emissions: Pecora 890NST complies with interior air quality (IAQ) emissions requirements for the School Classroom, Private Office, and New Single-family Residence Scenarios of CDPH Standard Method v1.2-2017 (California Specification 01350). After 14 days (336 hours), TVOC modeled concentrations were:

Private Office (default scenario): 1.0 mg/m³

School Classroom: <0.3 mg/m³

Single-family Residence: 1.1 mg/m³





Green Globes® for New Construction 2021

Criterion 6.2.1.1 (ANSI 11.2.1.1) Volatile Organic Compounds:

VOC Content: Pecora 890NST and 890NST-LV contain 98 g/L and <50 g/L VOC content, respectively, below the “Current” 250 g/L VOC limit established by the South Coast Air Quality Management District (SCAQMD) Rule 1168 (October 6, 2017) and Table 11.2.1.1 for Architectural Sealants.

VOC Emissions: When tested per the Private Office Scenario of CDPH v1.2-2017, 890NST was found to not contain any target CREL VOCs exceeding the maximum allowable concentrations listed in Table 4-1 of the CDPH standard method.

Living Building ChallengeSM 4.0

Imperative 10 Healthy Interior Performance: Pecora 890NST complies with the School Classroom, Private Office, and New Single-family Residence Scenarios of CDPH Standard Method v1.2-2017 (California Specification 01350). After 14 days (336 hours), the TVOC modeled concentrations were:

Private Office (default scenario): 1.0 mg/m³

School Classroom: <0.3 mg/m³

Single-family Residence: 1.1 mg/m³

Imperative 12 Responsible Materials: An ILFI *Declare* Label is not available for either product.

Imperative 13 Red List: None of the chemicals listed on the March 2022 CAS Red List Guide are used in the manufacture of Pecora 890NST or 890NST-LV. Based on Pecora’s current knowledge of its raw materials and manufacturing processes, there is no reason to expect that the listed chemicals would be present in the product as supplied, except as a possible trace impurity. The continued Red List conformance of this product is dependent on upstream supply chain stability and is subject to change without notice.

For additional information, please contact Technical Services at 1-800-523-6688 or techservices@pecora.com.

Sincerely,

Steven T. Lawrey AIA, CSI, [CDT®](#), [CCPR™](#), [CCS®](#), [CCCA®](#), LEED® AP
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