



Green Building Certification Data

MasterFormat® Designation: 07 92 00 – Joint Sealants

December 30, 2021

RE: Pecora DynaFlex Flexible Polyurethane Security Sealant

This will certify the following information for Pecora DynaFlex:

LEED® v4.1, LEED® v4, and (LEED® 2009¹):

BPDO-Environmental Product Declarations² (Not applicable to LEED 2009): As of the date of this letter neither Environmental Product Declaration nor Life Cycle Assessment documentation is available.

BPDO-Sourcing of Raw Materials, Option 2² (MR Credit 4.1 and 4.2, Recycled Content): For the purposes of the LEED Rating System Pecora DynaFlex contains 0% recycled content.

BPDO-Sourcing of Raw Materials, Options 1 and 2² (MR Credit 5.1 and 5.2, Regional Materials): Pecora DynaFlex is manufactured in Harleysville, PA 19438. Due to the complexity of its raw material supply chain, the point source of Pecora DynaFlex’s material ingredients cannot be determined.

Low-Emitting Materials, Options 1 and 2² (IEQ Credit 4.1, Low-Emitting Materials–Adhesives & Sealants):

VOC Content: Activated Pecora DynaFlex contains 12 g/L volatile organic compound (VOC) content, well below the 250 g/L VOC limit set by South Coast Air Quality Management District (SCAQMD) Rule 1168 (effective 7/1/2005) for architectural sealants. Base contains 12 g/L; Activator contains 0 g/L.

VOC Emissions (LEED® v4, LEED® v4.1, and LEED® 2009 for Schools):

Pecora DynaTrol I-XL Hybrid has been tested in accordance with and meets the interior air quality (IAQ) emissions requirements for the School Classroom, Private Office, and New Single-family Residential 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): 0.1 mg/m³

School Classroom: <0.1 mg/m³

Single-family Residence: 0.1 mg/m³

¹LEED® 2009 Sunset Date: June 30, 2021

²LEED® v4.1, LEED® v4 credits and options

Green Globes® for New Construction

Criterion 3.7.2.1 Volatile Organic Compounds:

VOC Content: Activated Pecora DynaFlex contains 12 g/L volatile organic compound (VOC) content, as compared to the 250 g/L VOC limit set by South Coast Air Quality Management District (SCAQMD) Rule 1168 (January 7, 2005) for architectural sealants noted in Table 3.7.2.1.1. Base contains 12 g/L; activator contains 0 g/L.

VOC Emissions: When tested per the Private Office Scenario of CDPH v1.2-2017-, Pecora DynaFlex doesn’t contain any target CREL VOCs exceeding the maximum allowable concentrations listed in Table 4-1 of the CDPH standard method.

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Living Building ChallengeSM 3.1

Imperative 08 Healthy Interior Environment: Pecora *DynaFlex* complies with the School Classroom, Private Office, and New Single-family Residential 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): 0.1 mg/m³

School Classroom: <0.1 mg/m³

Single-family Residence: 0.1 mg/m³

Imperative 10 Red List: None of the chemicals listed on the “Living Building Challenge 3.1 Chemical Red List” are used in the manufacture of Pecora *DynaFlex*. 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 Pecora *DynaFlex* as supplied, except as a possible trace impurity. In addition, the ingredients used in the manufacture of Pecora *DynaFlex* are listed on its Globally Harmonized Safety Data Sheet (GHS SDS) together with its VOC content. The continued “Red List” conformance of this product is dependent on upstream supply chain stability and is subject to change without notice.

Should you require additional information, please contact the Technical Services Dept. at 1-800-355-8817 or techservices@pecora.com.

Sincerely,

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

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