

March 11, 2022

To Whom It May Concern:

Effective September 31st 2020, BASF's Construction Chemicals business has become Master Builders Solutions Construction Systems US, LLC under MBCC Group. The Master Builders Solutions brand remains the same high quality though is no longer associated with BASF.

MasterSeal® NP 1 is now manufactured by Master Builders Solutions Construction Systems US, LLC ("Master Builders Solutions").

The product has undergone no formulation change or raw material change as a result, and all physical and performance characteristics remain as outlined in the product data guide.

Inquiries regarding the CDPH Standard V1.2 Test of MasterSeal® NP 1 can be directed to LEED administrator.

Respectfully,

LEED Administrator  
Master Builders Solutions  
Tel: 800-243-6739



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U.S Green Building Council



# COMPLIANCE TESTED by berkeley analytical

## VOC Emission Test Certificate

**Product Name: MasterSeal® NP 1™ - 3R0106E710**

Product Sample Information		Certificate Information	
Company:	BASF	Certificate No:	200515-02
Company Website:	www.basf.com	Certified By:	
Product Type:	Joint Sealant – Letter Attached		Raja S. Tannous, Laboratory Director
Date Produced:	4/15/2020	Date:	May 15, 2020

**Reference Standard:** California Department of Public Health CDPH/EHLB/Standard Method Version 1.2, 2017 (Emission testing method for CA Specification 01350)

### Acceptance Criteria and Results Demonstrating Compliance of Product Sample to Referenced Standard:

Exposure Scenario <sup>1</sup>	Individual VOCs of Concern <sup>2</sup>		Formaldehyde <sup>3</sup>		TVOC <sup>4</sup>
	Criterion	Compliant?	Criterion	Compliant?	
School Classroom	≤½ Chronic REL	YES	≤9.0 µg/m <sup>3</sup>	YES	≥ 5.0 mg/m <sup>3</sup>
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m <sup>3</sup>	YES	≥ 5.0 mg/m <sup>3</sup>
Single Family Residence	≤½ Chronic REL	YES	≤9.0 µg/m <sup>3</sup>	YES	≥ 5.0 mg/m <sup>3</sup>

**Product Coverage<sup>5</sup>:** 10,700 g/m<sup>2</sup>

1. Exposure scenarios & product quantities for classroom & office are defined in Tables 4-2 – 4-5 (CDPH Std. Mtd. V1.2-2017)
2. Maximum allowable concentrations of individual target VOCs are specified in Table 4-1 (*ibid.*)
3. Maximum allowable formaldehyde concentration is ≤9 µg/m<sup>3</sup>, effective Jan 1, 2012; previous limit was ≤16.5 µg/m<sup>3</sup> (*ibid.*)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m<sup>3</sup>, >0.5 – 4.9 mg/m<sup>3</sup>, and ≥5.0 mg/m<sup>3</sup>
5. Informative and applicable only to tests of wet-applied products; grams of sample applied per square meter of substrate

### Standards & Codes Recognizing CDPH Standard Method V1.2 (partial list)

- USGBC LEED Version 4, BD&C, ID&C
- The WELL Building Standard
- ANSI/GBI 01, Green Building Assessment Protocol

**Narrative:** BASF selected a sample representative of its MasterSeal NP 1 - 3R0106E710, a one-part moisture cured urethane joint sealant product and submitted it on 4/20/2020 for testing. Berkeley Analytical measured and evaluated the emissions of VOCs from this sample following CDPH/EHLB/Standard Method V1.2-2017. The results of the test are presented in Berkeley Analytical report, 403-018-01A-May1520.

**Berkeley Analytical** is an independent, third-party laboratory specializing in the analysis of organic chemicals emitted by and contained in building products, finishes, furniture, and consumer products. We are an ISO/IEC 17025 accredited laboratory (IAS, [TL-383](#)); all standards used in performing this test are in Berkeley Analytical's scope of accreditation.

**DISCLAIMER:** THIS CERTIFICATE OF COMPLIANCE AFFIRMS THAT: 1) A SAMPLE OF THE LISTED PRODUCT WAS TESTED ACCORDING TO THE REFERENCED STANDARD; 2) THE MEASURED VOC EMISSIONS FROM THE SAMPLE WERE EVALUATED FOR THE DEFINED EXPOSURE SCENARIO(S); AND 3) THE RESULTS MEET THE ACCEPTANCE CRITERIA OF THE REFERENCED STANDARD(S). BERKELEY ANALYTICAL IS NOT RESPONSIBLE FOR ANY CLAIMS REGARDING A PRODUCT OR PRODUCTS ENTERED INTO COMMERCE THAT MAY BE BASED ON THIS TEST. BERKELEY ANALYTICAL PROVIDES THIS CERTIFICATE OF COMPLIANCE "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PURPOSE.



The Chemical Company

Date: May 28, 2020

Berkley Analytical  
815 Harbour Way South, Suite No. 6  
Richmond, CA 94804  
Attention: Mr. Al Hodgson, Research Director

Re: CDPH Standard V1.2 Test of MasterSeal® NP1™

Company: BASF Construction Chemicals  
889 Valley Park Drive  
Shakopee, MN, 55379

To Whom It May Concern:

MasterSeal® NP1™ is a one-part moisture cured urethane joint sealant used to seal expansion and construction joints, as well as window and door perimeter joints in new or existing construction. It is applied using a standard caulking gun and tooled to form a smooth joint surface.

In determining the amount of material used in a typical scenario, we used the dimensional parameters given for an average private office, average school classroom and average single family residence as described in the CDPH EHLB Standard Method V1.2. (Tables 4.2-4.5, and Appendix B, Table B-1). (Please refer to the product Technical Data Guide for specific joint dimensions and application instructions). As a worst case scenario, we assumed all wall, floor, ceiling, and door and window perimeter joints would be sealed with NP1.

Total product quantities for each scenario are as follows:

Standard Classroom: A. ceiling, wall, and floor perimeter = 88.44 meters length @ 19.1 millimeters wide  
B. windows and door perimeter = 51.24 meters length @ 12.7 millimeters wide

Standard Private Office: A. ceiling, wall, and floor perimeter = 37.8 meters length @ 19.1 millimeters wide  
B. windows and door perimeter = 10.1 meters length @ 12.7 millimeters wide

Single Family Residence: A. slab to wall perimeter joint = 59.1 meters length @ 19.1 millimeters wide  
B. door and window perimeters = 64.6 meters length @ 12.7 millimeters wide

Sincerely,

Allan J. Mosloski, LEED Green Associate  
Technical Support Lead