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 520 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 520 can be directed to LEED administrator.

Respectfully,

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

"LEED" is a trademark of the
U.S Green Building Council

Master Builders Solutions Construction Systems US, LLC
889 Valley Park Drive
Shakopee, MN 55379

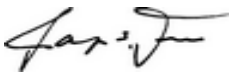
Phone (952) 496-6000
www.master-builders-solutions.com/en-us

COMPLIANCE TESTED by berkeley analytical

VOC Emission Test Certificate

Product Name: MasterSeal® NP 520™ - 50510871 white 3R92890041

Product Sample Information	
Company:	BASF
Company Website:	www.basf.com
Product Type:	Joint Sealant/Caulk – Letter Attached
Date Produced:	3/27/2020

Certificate Information	
Certificate No:	200504-01
Certified By:	 Raja S. Tannous, Laboratory Director
Date:	May 4, 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[1]	Individual VOCs of Concern[2]		Formaldehyde[3]		TVOC[4]
	Criterion	Compliant?	Criterion	Compliant?	Range
School Classroom	≤½ Chronic REL	YES	≤9.0 µg/m³	YES	> 0.5 - 4.9 mg/m³
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m³	YES	≥ 5.0 mg/m³
Single Family Residence	≤½ Chronic REL	YES	≤9.0 µg/m³	YES	≥ 5.0 mg/m³

Product Coverage[5]: 9,490 g/m²

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/m³, effective Jan 1, 2012; previous limit was ≤16.5 µg/m³ (ibid.)
4. Informative only; predicted TVOC Range in three categories, i.e., ≤0.5 mg/m³, >0.5 – 4.9 mg/m³, and ≥5.0 mg/m³
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 520 - 50510871 white 3R92890041, a silicone-modified latex-acrylic sealant/caulk product and submitted it on 3/31/2020 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, 403-018-02A-May0420.

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.

BASF
The Chemical Company

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® NP520™

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

To Whom It May Concern:

MasterSeal NP 520 is a silicone-modified latex-acrylic sealant/caulk used to seal static to slightly moving 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 , except for the outer wall and floor slab perimeter joints would be sealed with NP 520.

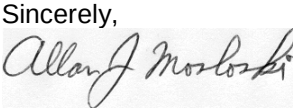
Total product quantities for each scenario are as follows:

Standard Classroom: A. windows and door perimeters = 185 meters length @ 12.7 millimeters wide

Standard Private Office: A. inside walls, windows and door perimeters = 33.8 meters length @ 12.7 millimeters wide

Single Family Residence: A. patio, front doors and windows perimeters = 27.7 meters length @ 12.7 millimeters wide (assuming two patio doors and a picture window).

Sincerely,



Allan J. Mosloski, LEED Green Associate
Technical Support Lead

BASF Corporation
Construction Systems
889 Valley Park Drive
Shakopee, MN 55379

MASTER® BUILDERS SOLUTIONS