



Environmental Self Declaration – Volatile Organic Compounds.
Made in Accordance with **ClearChem** Standard BKA-CC-01

Self-Declared Certificate of Product Conformity VOC Emissions



Company Information

Company Name:	Design Polymerics
Contact Information:	800-641-0808, sales@designpoly.com
Website:	www.designpoly.com

Product Information

Product Name:	DP-3040
Product Number:	DP-3040
Product Line:	Mastics
Product Category:	Moisture Barrier (coating)

Exclusions

Exclusions:	none
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VOC Content

Regulatory VOC Content g/L:	0 g/L
Regulation:	SCAQMD Rule 1113
Category:	Mastic Coatings
VOC Content test or determination method:	ASTM Methods D6886 & D2369
Exempt compounds >1% weight by mass of product:	none
Does product contain methylene chloride or perchloroethylene?:	No

VOC Emissions

Test Standard:	CDPH Standard Method V1.2
Acceptance Criteria:	CDPH Standard Method V1.2
Use scenario(s) Product type:	Company defined
Building Type:	Classroom+Office
Product coverage g/m ² :	1544 g/m² (64 mil)
TVOC concentration at 14-days:	Less or equal to 0.5 mg/m³
Direct or extended claim:	Direct

Compliance Testing

ISO/IEC 17025 accredited third-party laboratory:	Berkeley Analytical, IAS TL-383
Test start date:	04/06/2018
Laboratory certificate number:	180426-03

Extended Claim for Co-product

Name of compliance tested product:	Not Applicable
Number:	Not Applicable
Was listed product screening-level tested for VOC emissions?:	Not Applicable
Basis for extension of claim from compliant product to co-product:	Not Applicable
Brief description of procedures used to ensure product is represented by compliance test results:	Not Applicable

Quality Control

Company maintains internal quality control program to ensure manufactured units are produced consistently and meet the requirements and acceptance criteria of listed standard(s):	Yes
Tested product sample was selected from typical production and is representative of commercial product. Where there are expected variations, sample was selected from production lot or group expected to give worst-case results:	Yes
If claim is for product other than product that was sampled and compliance tested, company maintains record of procedures used for extending claim in form of test results, calculations, formulations, or other information:	Not Applicable

Self-Declaration Signature

I affirm that I am authorized to make claims established in this declaration:	Yes
I certify that the information in this declaration is true and correct:	Yes
Date:	06/21/2019
Name of company representative:	Roxanne Swift
Title:	Technical Director
Signature:	Roxanne Swift

This ClearChem template is a standardized reporting form used by companies to make self-declared claims about the environmental performance of their products. Only companies that have entered into a binding Implementation Agreement with Berkeley Analytical may use this form.

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COMPLIANCE TESTED by berkeley analytical

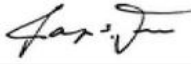
VOC Emission Test Certificate

Product Name: DP-3040

Product Sample Information

Company:	Design Polymerics
Company Website:	www.designpoly.com
Product Type:	Vapor barrier coating
Date Produced:	3/28/2018

Certificate Information

Certificate No:	180426-03
Certified By:	 Raja S. Tannous, Laboratory Director
Date:	April 26, 2018

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/m ³	YES	≤ 0.5 mg/m ³
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	≤ 0.5 mg/m ³

Product Coverage⁵: 1544 g/m² (64 mil)

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: Design Polymerics selected a sample representative of its DP-3040 vapor barrier coating product and submitted it on 4/2/2018 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, 777-003-03A-Apr2618.

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.

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FC17B.2



May 23, 2019

Design Polymerics
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DP 3040 Vapor Barrier Coating

Use and Application:

May be used to coat most types of thermal insulation, including polystyrene foam, fiberglass, and mineral fiber. Formulated to retard water vapor permeation in high humidity environments.

Application: DP 3040 may be applied by brush, trowel, glove, or spray. To prevent moisture infiltration, proper flashing is required. Apply a tack coat of DP 3040 at a rate of 2 gallons per 100 sq. ft. or 32 mils thick. Embed proper membrane while wet, overlapping seams 2 inches and avoiding wrinkles. Apply a second coat at the same rate and allow a complete cure before testing. Protect from moisture until fully cured.

Coverage: Dependent on application thickness, 25-50 sq. ft. per gallon at 20-40 wet mils.

Basis for determining typical or worst case product use:

Classroom

Elbows

150" linear in = 300 sq in

Joints - Outside and Torus

48 joints = 1,464 sq in

Total Classroom = 1,762 sq in 64 mil thickness = 1.136 sq meters

Office

Elbows

15" linear at 2" width = 300 sq in 300 sq in at 64 mil

Joints - Outside and Torus

15.7 sq in at 64 mil for 1 joint

14.8 sq in at 64 mil for 1 joint

32 joint = 976 sq in at 64 mil

Total Office: 1,276 sq in 64 mil thickness = 0.823 sq meters

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