clearchem

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-3050**
Product Number:	**DP-3050**
Product Line:	**Mastics**
Product Category:	**Adhesives**

Exclusions

Exclusions:	**none**

VOC Content

Regulatory VOC Content g/L:	**0 g/L**
Regulation:	**SCAQMD Rule 1113**
Category:	**Mastic Coatings**
VOC Content test or determination method:	**U.S EPA Method 24**
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/m²:	**704 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:	**180426-02**

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:	**08/02/2019**
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.

DISCLAIMER: THIS SELF-DECLARATION OF CONFORMITY (“SELF-DECLARATION”) IS A STATEMENT MADE BY THE COMPANY AND ALL DECLERATIONS MADE HEREIN ARE THE SOLE RESPONSIBILITY OF THE COMPANY. BERKELEY ANALYTICAL ASSOCIATES, LLC (“BKA”) SHALL HAVE NO LIABILITY FOR ANY STATEMENTS MADE IN THIS SELF-DECLARATION. ANY TEST RESULTS FURNISHED BY BKA TO COMPANY ARE LIMITED TO THE SAMPLE OF THE PRODUCT IDENTIFIED IN THIS DECLARATION, AND BKA IS NOT RESPONSIBLE FOR ANY COMPANY CLAIMS REGARDING A PRODUCT OR PRODUCTS ENTERED INTO COMMERCE THAT MAY BE BASED ON BKA TESTING. BKA’S TESTING DOES NOT CONSTITUTE AN ENDORESMENT OF ANY PRODUCT OF THE COMPANY. BKA HAS NO LIABILITY FOR THE PERFORMANCE, QUALITY, OR CONFORMANCE WITH THE REFERENCE STANDARD(S) OF ANY PRODUCT DECLARED TO BE CONFORMING TO SUCH STANDARD(S). BKA MAKES NO REPRESENTATIONS, WARRANTIES, OR CERTIFICATIONS REGARDING THE USABILITY, PUBLIC HEALTH, AND MEDICAL, TOXICOLOGICAL, OR ENVIRONMENTAL IMPACT OF THE COMPANY’S PRODUCT OR SUCH PRODUCT’S COMPLIANCE WITH ANY APPLICABLE STANDARDS, SPECIFICATIONS, REQUIREMENTS, LAWS, OR REGULATIONS. BKA PROVIDES THE SELF-DECLARATION TEMPLATE"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. BKA SHALL NOT INCUR ANY LIABILITY FOR ANY DAMAGES, INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF, RESULTING FROM, OR IN ANY WAY CONNECTED TO THE USE OF ANY PRODUCT, WHETHER OR NOT BASED UPON WARRANTY, CONTRACT, TORT, OR OTHERWISE; WHETHER OR NOT INJURY WAS SUSTAINED BY PERSONS OR PROPERTY OR OTHERWISE; AND WHETHER OR NOT LOSS WAS SUSTAINED FROM, OR AROSE OUT OF, THE RESULTS OF THE COMPANY’S PRODUCT, OR ANY SERVICES THAT MAY BE PROVIDED BY BKA. ALL INQUIRIES CONCERNING THIS SELF-DECLARATION SHOULD BE DIRECTED TO THE COMPANY.

COMPLIANCE TESTED by berkeley analytical

VOC Emission Test Certificate

Product Name: DP-3050

Product Sample Information	
Company:	Design Polymerics
Company Website:	www.designpoly.com
Product Type:	Lagging adhesive & Protective coating
Date Produced:	3/28/2018

Certificate Information	
Certificate No:	180426-02
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/m³	YES	≤ 0.5 mg/m³
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m³	YES	≤ 0.5 mg/m³

Product Coverage[5]: 704 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-3050 lagging adhesive and protective 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, 777-003-02A-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.

June 27, 2019

Design Polymerics
3301 W. Segerstrom Ave.
Santa Ana, CA 92704
www.designpoly.com

DP 3050 Lagging Adhesive and Protective Coating

Use and Application:
May be used for bonding and coating jackets of canvas, glass cloth and other lagging fabrics over insulated surfaces, including rectangular and round ductwork insulation. May be used as a lap adhesive for canvas, glass cloth and pipe insulation jackets. May be used as a protective coating over expanded polystyrene foam insulation to prevent dusting and protect from solvents. May be used to seal cut ends of fiberglass duct liner.

Application:
May be applied by brush, trowel, airless sprayer, or hand. For lagging jackets, apply a tack coat at a spread rate of 80-100 sq. ft. per gallon. Immediately embed the selected lagging fabric into the wet tack coat. Smooth out to avoid wrinkles and overlap seams by at least 2 inches. Apply a finish coat 80-100 sq. ft. per gallon and allow to dry.

Coverage:
Dependent on application thickness and material. 50-100 sq. ft. per gallon per coat

Basis for determining typical or worst case product use:

Classroom

Supply Duct –
Trunk
3 circumferential joints = 216" at 2" width, 3 circumferential joints =168" at 2" width, 2 linear seams= 192" at 2" width,1 linear seam reducer= 12" at 2" width
Run Out
10 -10" diameter circumferential =314" at 2" width, 24 linear feet for round runout = 288" at 2" width

Subtotal Supply Duct =1,190" at 2" width

Return Duct-
Trunk
5 circumferential joints =360" at 2" width, 1 16' linear seam at 16 x 12" =192" at 2" width
Run Out
4 4' linear run outs=192" at 2" width, 8 14" diameter circumferential= 352" at 2" width

Subtotal Return Duct=1,096" at 2" width

Total CLASSROOM : 4,572 square inches at 40 mil wet film thickness=2.95 Sq. Meters

Office

Supply Duct-
Trunk
3 circumferential joints =168" at 2" width, 1 linear seam= 96" at 2" width
Run Out
2 4' linear run outs = 96" at 2" width, 4 10" diameter=126" at 2" width

Subtotal Supply Duct =486" at 2" width

Return Duct
Trunk
3 circumferential joints 18" by 18" =216" at 2" width,1 linear seam= 96" at 2" width

Run Out
2 4' linear run outs = 96" at 2" width, 4 14" diameter circumferential=176" at 2" width

Subtotal Return Duct=584" at 2" width

Total Office: 2,140 square inches at 40 mil wet film thickness=1.38 Sq. Meters