BUILDING TRUST

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**CONTACT**

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**MANUFACTURER'S CERTIFICATE OF COMPLIANCE: VOC EMISSIONS**

November 8, 2023

To whom it may concern,

Sikasil® WS-295 has been tested according to California Department of Public Health (CDPH) Standard Method v1.2–2017 and complies with the VOC limits in Table 4-1 of the method. Additionally, the range of total VOCs (TVOC) after 14 days (336 hours) was measured as specified in the CDPH Standard Method v1.2 and is reported as ≤ 0.5 mg/m3. The testing results are compliant with the emission requirements for VOCs in school classroom and private office exposure scenarios.

Sika Corporation manufactures Sikasil® WS-295 in its Lakewood, NJ facility along with other one component neutral-curing silicone sealants that are formulated using the same set of raw materials. While there may be minor difference in the exact composition in these different formulations, the raw materials from which they are produced remains the same. The list below represents the silicone sealants that are currently produced at the Lakewood facility:

Sikasil® WS-295
Sikasil® WS-290
Sikasil® WS-305 AM
Sikasil®-728 SL
Sikasil®-728 NS
Sikasil® N Plus US (clear)

Sika Corporation choose to test Sikasil® WS-295 for CPHD Standard Method v1.2-2017 as it is the formulation with the highest VOC content, as measured by EPA Method 24, of the products listed above. As Sikasil® WS-295 represents the worst-case scenario of VOC content it is Sika's determination that all the other sealants in the list above would have less VOC and

therefore, lower values for CPHD Method v1.2-2017. Based on the above information Sika Corporation can certify that all of the products above will meet the requirements of CPHD Standard Method v1.2-2017.

The details of the testing and performance are presented in the Berkeley Analytical laboratory report 991-022-01A-Nov0123. The Certificate of Compliance pursuant to the laboratory report is attached. The actual report is available upon request.

The green building standards and codes which recognize CDPH Standard Method v1.2 include but are not limited to: USGBC LEED version 4/4.1 BD&C, ID&C, Residential BD&C Multifamily); The WELL Building Standard, WELL v2, Feature X06; and ANSI/GBI 01-2019 Green Globes Assessment Protocol.

If further information is required feel free to contact me.

Sincerely,

Monica Morano

Monica Morano

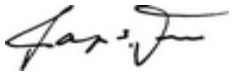
*Enclosure*

# COMPLIANCE TESTED by berkeley analytical

## VOC Emission Test Certificate

**Product Name: Sikasil® WS-295 - 412132**

| Product Sample Information | |
|---|---|
| Company: | Sika Corporation |
| Company Website: | www.sikausa.com |
| Product Type: | Window Frame Sealant |
| Date Produced: | 10/5/2023 |

| Certificate Information | |
|---|---|
| Certificate No: | 231101-05 |
| Certified By: |  |
| | Raja S. Tannous, Laboratory Director |
| Date: | November 1, 2023 |

**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]:** 6526 g/m² (non-full spread application – see manufacturer's letter for loading and use)

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 4/4.1, BD&C, ID&C, Residential BD&C Multifamily
- The WELL Building Standard, WELL v2, Feature X06
- ANSI/GBI 01-2019 Green Globes Assessment Protocol

**Narrative:** Sika Corporation selected a sample representative of its Sikasil WS-295 - 412132 product and submitted it on 10/12/2023 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, 991-022-01A-Nov0123.

**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.