



THE SANSIN CORPORATION

111 MACNAB AVENUE, STRATHROY, ONTARIO, CANADA N7G 4J6 PH: 519-245-2001 FAX: 519-245-4759

May 4, 2023

To Whom it May Concern,

This letter confirms Sansin's Precision Coat Purity Interior Glacier, Purity Interior Clear, SDF Topcoat and EOS-S, to the best of our knowledge, do not contain any chemicals listed on **Version 4.0 (March 2022)** of the Living Building Challenge Red List.

In addition to disclosure we have provided, we certify that we have reviewed our proprietary and undisclosed materials against the 800+ chemicals on the Living Building Challenge **Version 4.0 (March 2022) Red List**, and hereby affirm that none of the proprietary or undisclosed ingredients in this product contains any intentionally added chemicals on the Living Building **Version 4.0 (March 2022) Red List**, which include the following chemical families:

- Antimicrobials (marketed with a health claim)
- Alkylphenols and related compounds
- Asbestos compounds
- Bisphenol A (BPA) and structural analogues
- California-banned solvents
- Chlorinated Polymers, including:
 - Chlorinated polyethylene (CPE)
 - Chlorinated polyvinyl chloride (CPVC)
 - Chloroprene (neoprene monomer)
 - Chlorosulfonated polyethylene (CSPE)
 - Polyvinylidene chloride (PVDC)
 - Polyvinyl chloride (PVC)
- Chlorobenzenes
- Chlorofluorocarbons (CFCs) and hydrochlorofluorocarbons (HCFCs)
- Formaldehyde (added)
- Monomeric, polymeric, and organophosphate halogenated flame retardants (HFRs)
- Organotin compounds
- Perchloroethylene (CAS# 127-18-4)
- Perfluorinated compounds (PFCs)
- Phthalates (orthophthalates)
- Polychlorinated biphenyls (PCBs)
- Polycyclic aromatic hydrocarbons (PAHs)
- Short-chain and medium-chain chlorinated paraffins
- Toxic heavy metals
 - Arsenic
 - Cadmium
 - Chromium
 - Lead (added)
 - Mercury



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and

- Wood treatments containing creosote or pentachlorophenol

The Actual and Regulatory VOC Content of these products are:

- Precision Coat Purity Interior Glacier – 79/248 g/L
- Precision Coat Purity Interior Cear – 33/82 g/L
- Precision Coat SDF Topcoat - 74/210 g/L
- EOS-S – 32/152 g/L

EPA Test Method 24 is used for the VOC calculation.

Sincerely,

The Sansin Corporation

James MacKinnon
Senior Chemist



COMPLIANCE TESTED by berkeley analytical

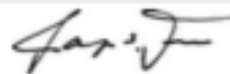
VOC Emission Test Certificate

Product Name: P-8515

Product Sample Information

Company:	The Sansin Corporation
Company Website:	www.sansin.com
Product Type:	Paints & Coatings
Date Produced:	May 6, 2021

Certificate Information

Certificate No:	210729-04
Certified By:	 Raja S. Tannous, Laboratory Director
Date:	July 29, 2021

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?	
School Classroom	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	> 0.5 - 4.9 mg/m ³
Private Office	≤½ Chronic REL	YES	≤9.0 µg/m ³	YES	> 0.5 - 4.9 mg/m ³

Product Coverage⁵: 187 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 4/4.1, BD&C, ID&C, Residential BD&C Multifamily
- The WELL Building Standard, WELL v2, Feature X06
- ANSI/GBI 01-2019 Green Globes Assessment Protocol
- ANSI/ASHRAE/USGBC/IES Standard 189.1

Narrative: The Sansin Corporation selected a sample representative of its P-8515 wood finish product and submitted it on 7/6/2021 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, 1090-003-06A-Jul2921.

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.