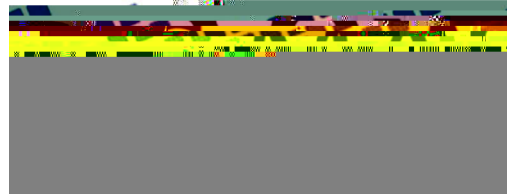


November 16, 2017
Revised November 17, 2017
Revision 2 November 17, 2017



Mr. Miguel Detres
Architecture Program Manager
Saint-Gobain Solar Gard®
4540 Viewridge Avenue
San Diego, CA 92123

**Subject: Dynamic Small-Scale Chamber Emissions Testing
Revised Compliance Report per California Department of Public Health Standard
Method Version 1.2
Solar Gard® Safety Pressure Sensitive Adhesive
MAS Project No.: 1701462**

Dear Mr. Detres:

Materials Analytical Services, LLC (MAS) is pleased to submit this report with results of VOC testing from an application of Solar Gard® Safety Pressure Sensitive Adhesive. This report was revised to reflect a change in your title and address.

This project was conducted in general accordance with the emission testing guidelines specified under ASTM D 5116 and the California Department of Public Health (CDPH) *Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers Version 1.2*. This testing protocol was implemented to bracket a broad range of similarly formulated, lower emitting products under a single test.

Based on the test results, the Safety Pressure Sensitive Adhesive is compliant with the performance standards established for low-emitting materials under the CDPH, the Collaborative for High Performance Schools (CHPS) and the LEED v4 programs. Qualified project uses of this product may be eligible for credit points under CHPS and LEED programs.

MAS is pleased to have been of service to you. If you have any questions or comments, or if we can be of further assistance, please contact us.

Sincerely,
MAS, LLC

Manager, Emissions Group

Senior Analytical Chemist

Appendices: Appendix A – Chain-of-Custody
 Appendix B – Compliant and Bracketed Products
 Appendix C – General Testing Parameters and Data

MAS LLC - ATLANTA
Corporate Headquarters
3945 Lakefield Court · Suwanee, GA 30024
(770) 866-3200 · Fax (770) 866-3259



Testing Cert. #2925.01



2-methoxyethanol acetate ¹	<2.9	<0.069	<0.21	45	Compliant
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APPENDIX A

Chain-of-Custody





Measured concentrations and emission factors of formaldehyde and acetaldehyde at each of the three sampling intervals are presented in Table C-II.

Table C-II
Formaldehyde and Acetaldehyde Concentrations and Emission Factors as Measured by HPLC

Sample Interval hours	Target Compound	Concentration ($\mu\text{g}/\text{m}^3$)	Emission Factor ($\mu\text{g}/\text{m}^2 \text{ h}$)
24	Formaldehyde	<1.4	<3.2
48	Formaldehyde	2.1	4.9
96	Formaldehyde	<1.4	<3.2
24	Acetaldehyde	<1.8	<4.3
48	Acetaldehyde	<1.8	<4.3
96	Acetaldehyde	<1.8	<4.3