



## Berkeley Analytical Associates, LLC

Air Quality Research and Analysis

815 Harbour Way South, Suite 6  
Richmond, CA 94804-3612  
www.berkeleyanalytical.com

Tel: 510-236-2325  
Fax: 510-236-2335  
baalab@berkeleyanalytical.com

March 30, 2009

Mr. Greg Schwietz  
President  
L&M Construction Chemicals, Inc.  
14851 Calhoun Road  
Omaha, NE 68152

Re: Section 01350 Emission Test Results, L&M Construction Chemicals, FGS® Hardener Plus.

Dear Mr. Schwietz:

Your L&M Construction Chemicals, FGS® Hardener Plus, was tested by our laboratory to determine its emissions of toxic volatile organic chemicals (VOCs) of concern. The test was conducted following the procedures described in California Department of Health Services (CDHS) *Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers, Including Addendum 2004-01*, accessible at: [http://www.cal-iaq.org/VOC/Section01350\\_7\\_15\\_2004\\_FINAL\\_PLUS\\_ADDENDUM-2004-01.pdf](http://www.cal-iaq.org/VOC/Section01350_7_15_2004_FINAL_PLUS_ADDENDUM-2004-01.pdf). This testing procedure has been adopted by the Collaborative for High Performance Schools (CHPS, [www.chps.net](http://www.chps.net)) to determine the compliance of Low Emitting Materials.

Calculations were performed using the parameters given below for a standard classroom to estimate the concentrations of VOCs of concern resulting from the use of your product in a classroom environment. The results of the test and the calculated concentrations for the standard classroom are presented in our laboratory report, 397-001-04A-Mar2709 dated March 27, 2009.

Ventilation Rate	Room Volume	Surface Area Covered by Product
0.90 air changes per hour (volume fraction = 0.9)	231 m <sup>3</sup> or (40x24x8.5 ft = 8,160 ft <sup>3</sup> )	89.2 m <sup>2</sup> of floor area

Your L&M Construction Chemicals, FGS® Hardener Plus **meets** the DHS Standard Practice requirements for use in a classroom with the above parameters.

Sincerely,

Alfred T. Hodgson  
Research Director

Attachment: Laboratory report