

ENVIRONMENTAL PRODUCT INFORMATION LEED® V4 GREEN BUILDING CERTIFICATION PROGRAM ADSEAL LM 4600 SERIES

PRODUCT CONTENT INFORMATION

Materials and resources:

Adseal LM 4600 is produced in St-Laurent, Qc, Canada.

Given the multitude of places of extraction of the raw materials required for the production of this formulation, Adfast is unable to determine the origin.

The percentage of post-consumer and pre-consumer recycled products from ADFAST waterproofing products is zero.

PRODUCT V.O.C. INFORMATION



VOC EMISSION RESULTS COMPARISON TO STANDARD

Standard referenced: CDPH/EHLB/Standard Method V1.2 (January 2017) "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers" (aka CA Section 01350).

PRODUCT SAMPLE INFORMATION

Manufacturer	ADFAST MANUFACTURING INC.
Product Description	Adseal LM 4600
Product Type	Adhesives/Sealants
Sample Identification	UL Environment's 1000612730-2046925
Manufactured Date	June 14, 2018
Test Completed Date	February 8, 2019
UL Environment Report #	1000612730-2046925R2
Report Date	February 27, 2019

TEST RESULTS COMPARISON TO STANDARD CRITERIA

Environment	Classroom		Office	
	Surface Area	Meets?	Surface Area	Meets?
	266 m		89.6 m	
Individual VOC	≤ 1/2 CREL	Yes	≤ 1/2 CREL	Yes
Formaldehyde	≤ 9.0 µg/m³	Yes	≤ 9.0 µg/m³	Yes

Environment	Classroom	Office
Surface Area	266 m	89.6 m
TVOC	0.5 mg/m³ or less	Between 0.5 and 5.0 mg/m³

TVOC comparison is based on LEED BD+C: New Construction v4 (LEED v4), Indoor environmental quality (EQ) category, Low-emitting materials credit/Emissions and content requirements/General emissions evaluation.
<http://www.usgbc.com/node/29145662#tab=content/leed-v4-new-construction-v4-indoor-environmental-quality>

Reviewed By	
	Alyson McFry Chemistry Laboratory Manager

Complete testing and data results are presented in UL Environment Report

Disclaimer: This Comparison affirms that: 1) the product sample was tested according to the referenced standard; 2) the measured VOC emissions were evaluated for the defined exposure scenario(s); and 3) if so indicated above that the results meet the criteria of the referenced standard(s). UL Environment did not select the samples, determine if the samples were representative of production samples, witness the production of test samples, or were we provided with information relative to the formulation or identification of component materials used in the test samples. The test results apply only to the actual samples tested. The issuance of this Comparison in no way implies Listing, Classification or Recognition by UL, and does not authorize the use of UL Listing, Classification or Recognition Marks or any other reference to UL on the product or system. UL Environment authorizes the above named company to reproduce this Comparison provided it is reproduced in its entirety. The name, brand or marks of UL cannot be used in any packaging, advertising, promotion or marketing relating to the data in this Comparison, without UL's prior written permission. UL, its subsidiaries, employees and agents shall not be responsible to anyone for the use or nonuse of the information contained in this Comparison, and shall not incur any obligation or liability for damages, including consequential damages, arising out of or in connection with the use of, or inability to use, the information contained in this Comparison.

This document is available on our website:

https://adfastcorp.com/wp-content/uploads/cdpH_4600.pdf

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ADSEAL LM 4600 SERIES**

DECLARATION OF CHEMICAL CONTENT

Adfast takes the environment seriously and is proud to make its products as sustainable as possible. This product is made without any chemicals from the Red List Building Materials. As such, it can be used to carry out projects aimed at obtaining certification for a sustainable building.

Description	C.A.S. number	Percentage	GHS
Calcium carbonate	471-34-1		
Polymer		20% – 60%	Non-hazardous
Plasticizer		0% – 40%	Non-hazardous
Cross-linker		< 9%	Non-hazardous
Titanium dioxide	13463-67-7		
Stearic acide	57-11-4		
Octamethylcyclotetrasiloxane	556-67-2		
Carbon black	1333-86-4	< 1%	Non-hazardous
Pigment			

DECLARATION

Adfast is responsible for the information and evidence on which this statement is based.

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