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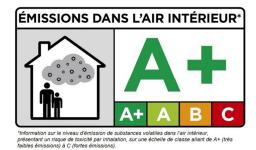
# **VOC Emissions Test report**

## 1. Sample Information

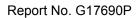
Sample identification	MIT-SP
Product type	Sealant
Batch no.	-
Production date	-
Date when sample was received	26/10/2012
Testing (start - end)	31/10/2012 - 28/11/2012

#### 2. Resulting VOC Emissions Class Label

This recommendation is based on French regulation of March 23, 2011 (décret DEVL1101903D) and of April 19, 2011 (arrêté DEVL1104875A). For details please see www.eurofins.com/france-voc



The product was assigned a VOC emission class without taking into account the measurement uncertainty associated with the result. As specified in French Decree no. 2011-321 of March 23, 2011, correct assignment of the VOC emission class is the sole responsibility of the party responsible for distribution of the product in the French market.



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## 3. Test Method

Method		Principle	Parameter		Quantification limit	Uncertainty				
ISO 16000 parts -3, -6, -9, -11		GC/MS	VOC		2 μg/m³	22% (RSD)				
Internal method numbers: 9810, 9811, 9812, 2808, 8400		HPLC/UV	Volatile alde- hydes		3 µg/m³	Um = 2 x RSD= 45 %				
Test chamber parameter										
Chamber volume, I	119	Temperature, °C		23±1	Relative humidity, % 50		50±5			
Air change rate, 1/h	0.5	Loading ratio, m²/m³		0.007						
Test condition: Sample stayed in test chamber during the whole 28 days testing period.										
Sample preparation										
Thickness, mm		3								





## 4. Results

	Concentration after 28 days µg/m³	С	В	А	A+
TVOC	<2	>2000	<2000	<1500	<1000
Formaldehyde	<3	>120	<120	<60	<10
Acetaldehyde	<3	>400	<400	<300	<200
Toluene	<2	>600	<600	<450	<300
Tetrachloroethylene	<2	>500	<500	<350	<250
Ethylbenzene	<2	>1500	<1500	<1000	<750
Xylene	<2	>400	<400	<300	<200
Styrene	<2	>500	<500	<350	<250
2-Butoxyethanol	<2	>2000	<2000	<1500	<1000
Trimethylbenzene	<2	>2000	<2000	<1500	<1000
1,4-Dichlorobenzene	<2	>120	<120	<90	<60

<sup>&</sup>lt; Means less than

Thomas Neuhaus

Head of product emission test centre

<sup>&</sup>gt; Means higher than