



MKT Metall-Kunststoff-Technik GmbH & Co. KG  
 Auf dem Immel 2  
 67685 Weilersbach  
 Deutschland

**Eurofins Product Testing A/S**  
 Smedeskovvej 38  
 DK-8464 Galten  
 Denmark

Tel. +45 70 22 42 76  
 Fax +45 70 22 42 75  
 voc@eurofins.dk  
 www.eurofins.com/product-emissions

Date  
 29 September 2015  
 Our ref.  
 G19427A\_02

## Test Report – LEED 2009 EQ c4.1, SCAQMD rule 1168 (2005)

### Sample material

Sample identification	<b>VMU plus Polar</b>
Product type	Multipurpose Construction Adhesives
Product data, according to manufacturer	Density: 1,60 g/ml at 20 °C ** Water content: 0.4 %** Exempt compounds: none ***
Date received	14 September 2012
Analytical period	27 – 28 September 2012

### Methods applied

Method	Principle	Parameter	Detection limit	Uncertainty, U <sub>m</sub> (%)
LEED 2009 EQ c4.1 ASTM D 2369 - 10	Gravimetric	Total Volatiles, SCAQMD rule 304	1 g/l	10 %
Volatile content of the sample was determined gravimetrically by heating up to 110 °C during 60 minutes. The result is the average of double testing. The result was calculated as: ( [g all volatiles] - [g water] - [g exempt compounds] ) / ( [l material] - [l water] - [l exempt compounds] )				

U<sub>m</sub> (%): The expanded uncertainty U<sub>m</sub> is equal to 2 x RSD%, see also [www.eurofins.dk/uncertainty](http://www.eurofins.dk/uncertainty).

### Analytical results

	Solid content, % mass	Water content, % mass	Exempt compounds, % mass	VOC less water less exempt compounds, g/l	VOC limit g/l
<b>VMU plus Polar</b>	97.4	0.4**	0***	35	70*

\* VOC limit for "Multipurpose Construction Adhesives"

\*\* Given by the client

\*\*\* No information about exempt compounds. Set to zero.

Eurofins Product Testing A/S

Lise L. Clement  
 Chemist

Janne R. Norup  
 Chemist