TEST REPORT: 7191168589-CHM17-02-CSY

Date: 23 AUG 2017 Tel: +65 68851312 Fax: +65 67784301

Client's Ref: Email: zhou.xiao@tuv-sud-psb.sg

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SUBJECT

Evaluation of Sealant samples

CLIENT

PFE Technologies Pte Ltd No 9 Gul Street 4 Singapore 629238

Attn: Mr Hans Goh

DESCRIPTION OF SAMPLE

One sealant sample labelled as follows were received on 28 Jul 2017.

Product name	Quantity	
PERESEAL FR	1 x 300 ml	

DATE OF TEST

10 Aug 2017 - 18 Aug 2017

SÜD



Laboratory: TÜV SÜD PSB Pte. Ltd. No.1 Science Park Drive Singapore 118221 Phone: +65-6885 1333 Fax: +65-6776 8670 E-mail: enquiries@tuv-sud-psb.sg www.tuv-sud-psb.sg Co. Reg: 199002667R

Regional Head Office: TÜV SÜD Asia Pacific Pte. Ltd. 1 Science Park Drive, #02-01 Singapore 118221

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METHOD OF TEST

The sample was tested in the "as-received" condition.

<u>Test</u> <u>Method</u>

1) Volatile organic compound content

As per LEED *IEQc4.1: Low-Emitting Materials - Adhesives* and *Sealants*, and according to South Coast Air Quality Management District (SCAQMD) Rule #1168 *Adhesive and Sealant Applications* recommend test method:

US EPA Method 24 "Determination of volatile matter content, water content, density, volume solids, and weight solids of surface coatings" as reference

RESULTS

Table 1: The Volatile Organic Compound (VOC) Content Results

Sample	Result ^a
PERESEAL FR	249.4 g/L

a) The result was calculated based on the specific gravity = 1.61 kg/L provided by client

SUMMARY OF TEST RESULTS

The summary of test results for "PERESEAL FR".

Test	Result	LEED IEQc4.1: Low-Emitting Materials - Adhesives and Sealants Requirement		Inferred Remark
		Sealants VOC Limit [g/L less water]		
VOC Content	249.4 g/L	Architectural	< 250 g/L	Pass
		Roadway	< 250 g/L	

^{*} Adhesives, Sealants and Sealant Primers must comply with South Coast Air Quality Management District (SCAQMD) Rule #1168. Volatile organic compound (VOC) limits listed in the table below correspond to an effective date of July 1, 2005 and rule amendment date of January 7, 2005.

MS CHOO SEOW YAH

TECHNICAL EXECUTIVE

DR XIAO ZHOU

PRODUCT MANAGER
MICROCONTAMINATION DIAGNOSIS

CHEMICAL & MATERIALS

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