

**SETSCO SERVICES PTE LTD**

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**Our Ref : CH-31520/LZP/1****Date : 17/02/2012**

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**TEST REPORT**

(This Report is issued subject to the terms &amp; conditions set out below)

**Subject** : Green Label test under SGLS Category 040 (Adhesives / Sealants) on sample submitted by C. Melchers GmbH & Co on 22/12/2011 and 15/02/2012 and test commenced on 22/12/2011.

**Tested For** : **C. Melchers GmbH & Co**  
 Singapore Branch  
 101 Thomson Road #24-012  
 United Square  
 Singapore 307591  
**Attn : Mr Marius Becker**

**Sample Description** : RESITRIX Waterproofing Membrane

**Results** :

Item No.	Parameter	Test Method	Sample Received Date	Unit	Result	RPL	SGLS-040 Criteria	Justification
1	<b>Heavy Metals</b>	EPA 3052 : Micro-wave acid digestion ICP EPA 6010B: ICP	22/12/11	%	N.D.	0.01	N.D.	Pass
	• Cadmium (Cd)							
	• Lead (Pb)							
	• Total Chromium (Cr)							
	• Mercury (Hg)							
• Hexavalent Chromium (Cr <sup>6+</sup> )	Colorimetrically by UV-VIS Spectrophotometry	22/12/11	%	N.D.	0.01	N.D.	Pass	
2	Total Phthalates	GCMS	22/12/11	ppm	N.D.	120	N.D.	Pass
3	Total Volatile Organic Compounds	GCMS	22/12/11	mg/m <sup>3</sup>	N.D.	0.5	<0.5	Pass
4	Total Aldehydes	HPLC	22/12/11	ppm	N.D.	0.1	<0.1	Pass
5	Formaldehyde	HPLC	22/12/11	ppm	N.D.	0.05	<0.05	Pass
6	4-phenylcyclohexene	GCMS	22/12/11	mg/m <sup>3</sup>	N.D.	0.0065	<0.0065	Pass
7	Halogenated Solvents	GCMS	22/12/11	ppm	N.D.	1	N.D.	Pass

Notes : N.D. - Not Detected (&lt; Reporting Limit)

RPL - Reporting Limit

Tests for Item Nos. 3 to 7 were performed in conjunction with Marchwood Scientific Services Ltd.

LEI ZHI PEI  
 MANAGER  
 BIOLOGICAL & CHEMICAL TECHNOLOGY DIVISION

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