

L G A • Postfach 3022 • D-90014 Nürnberg

Schomisch GmbH
Herrn J. P. Schomisch
Heinrich-Nicolausstr. 31

87480 Weitnau- Seltmann

Your letter dated 3-19-02	Your reference	Our reference IWQ-3721097	specialist Hübschmann	Telephone (09 11) 655-5643	Nürnberg, 13.05.2002
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Dear Mr. Schomisch,

enclosed you find our test report about the emission test of the leather "Ecopell".

After the test time of 28 days the emissions were very low (TVOC 11 µg/m³). CMT materials (carcinogenic, mutagenic and teratogenic substances) were not detectable.

After a test time of 24 hours the emissions was 690 µg/m³, this is also very low (main components: 1-Methoxy-2-propanol, mixture of alkanes C12-C15, 2-Butoxyethanol, n-nonanal).

If you have any further wishes, don't hesitate to contact us.

Yours sincerely,

LGA - Division Products
Ecological Product Testing



Konrad Hübschmann
Dipl.-Ing.

Enclosure
Test report

Test for pollutants in acc. with RAL-RG 430
Emissiontest for Leather
(Component test)

<p>Client: Schomisch GmbH, Heinrich Nicolausstr. 31, 87480 Weitnau-Seltmans</p> <p>Examination report no. IWQ-3721097</p> <p>Test for one sample of furniture leather (Ecopell, vegetable tan, natural with synth. surface protection, color 105 brownsugar = Art. ECO-105). The examination were carried out in a 20 liter test chamber.</p> <p>The leather sample (packed in an aluminium foil) was delivered on 2002-03-19.</p>				
No	Test	Requirements	Findings	Note
1.1	Emission of formaldehyde	0.05 ppm (DGM) 0.1 (German Chemicals Prohibition Decree = Chemikalien-Verbotsverordnung)	< 0,005 ppm	requirements passed
1.2	Emission of volatile organic compounds (VOC)	CMT-substances (cancerogenic, mutagenic, teratogenic/reprotoxic compounds):		requirements passed
		after 24 h: K1 and M1 < 1 µg/m ³ , K2 and M2 ≤ 5 µg/m ³ , RF 1 and 2, RE 1 and 2 ≤ 10 µg/m ³	< 1 µg/m ³	
		after 28 days: all not detectable (< 1 µg/m ³)	< 1 µg/m ³	
		VOC after maximal 28 days: VOC with boiling point 50 - 250 °C: ≤ 600 µg/m ³	3 µg/m ³	requirements passed
		VOC with boiling point > 250 °C: ≤ 100 µg/m ³	< 5 µg/m ³	
		Sum of all VOC (TVOC) including not identified VOC: ≤ 700 µg/m ³	11 µg/m ³ (after 28 days)	

Summary:

The leather is passed the emissiontests of formaldehyde and VOC according to RAL-RG 430.

Nuremberg, 2002-05-13

LGA - Product Divison
Ecological Product Testing



Konrad Hübschmann
Dipl.-Ing. (FH)