

# TEST REPORT

**APPLICANT** : Biohouse (Shanghai) Co., Ltd  
**ADDRESS** : 16H, Building 2, #515 Yishan Rd., Shanghai  
**SAMPLE DESCRIPTION** : Oak Board Coated with Biohouse ® Hard Wax Oil 5300  
**SAMPLE RECEIVED DATE** : 26-May-2011  
**TURN AROUND TIME** : 26-May-2011 to 03-Jun-2011, 7 working days.

TEST REQUESTED	RESULT
- EN 12720: Assessment of surface resistance to cold liquids	See results

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\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
Eurofins Product Testing Service (Shanghai) Co., Ltd

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Terric Ji  
Lab Manager

## TEST RESULT

### Assessment of surface resistance to cold liquids

EN 12720, condition time: one week

Designation	No.	Description	Test Period	Test Result
Acetic acid	1.1	10% (m/m) aqueous solution	Not Test	
	1.2	4,4% (m/m) aqueous solution	Not Test	
Acetone	2	---	1 hour	3
Ammonia solution <sup>a</sup>	3	10% (m/m) aqueous solution	Not Test	
Citric acid	4	10% (m/m) aqueous solution	6 hours	5
Cleansing agent	5	See 5.11	6 hours	5
<i>Coffee</i> <sup>b</sup>	6	40 g of instant coffee, freeze dried, in 1 l of boiling water	6 hours	5
Disinfectant	7.1	Phenol derivatives, 0,5% aqueous solution, chlorinated alkyl, cycloalkyl, aryl phenols	1 hour	5
	7.2	Chloramine-T, 2,5% aqueous solution of n-chlore-paratoluene sulfonamide sodium salt	1 hour	5
Endorsing ink	8	---	Not Test	
Ethanol, non denatured	9.1	96% (V/V)	6 hours	3
	9.2	48% aqueous solution (V/V)	6 hours	5
Ethyl acetate and butyl acetate	10	Proportion 1:1 (V/V)	Not Test	
<i>Milk, condensed</i> <sup>c</sup>	11	10% fat content	6 hours	5
<i>Olive oil</i>	12	---	6 hours	5
Paraffin oil	13	Medical grade. Paraffinum Liquidum	1 hour	5
Sodium carbonate	14.1	10% (m/m) aqueous solution	Not Test	
	14.2	0,5% (m/m) aqueous solution	Not Test	
Sodium chloride	15.1	15% (m/m) aqueous solution	Not Test	
	15.2	5% (m/m) aqueous solution	Not Test	
<i>Tea</i> <sup>d</sup>	16	10 g of tea leaves is infused with 1 l of boiling water. The tea is allowed to draw for 5 min without being stirred, after which it shall be decanted	6 hours	5
Water	17	Deionized or distilled	6 hours	5
Perspiration, acid	18	according to EN ISO 105-E04:1996	Not Test	
Perspiration, basic	19	according to EN ISO 105-E04:1996	Not Test	
NOTE Liquids in <i>italic type</i> cannot be chemically described				
<sup>a</sup> The liquid shall be discarded after one month				
<sup>b</sup> d The liquid shall be discarded after four hours				
<sup>c</sup> The liquid shall be discarded after one day				

\*\*\*TO BE CONTI NUED\*\*\*

<b>Numerical rating</b>	<b>Description</b>
5	No change test area indistinguishable from adjacent surrounding area
4	Minor change test area distinguishable from adjacent surrounding area, only when the light source is mirrored on the test surface and is reflected towards the observer's eye, e. g. discoloration, change in gloss and colour no change in the surface structure, e.g. swelling, fibre raising, cracking, blistering
3	Moderate change test area distinguishable from adjacent surrounding area, visible in several viewing directions, e. g. discoloration, change in gloss and colour no change in the surface structure, e.g. swelling, fibre raising, cracking, blistering
2	Significant change test area clearly distinguishable from adjacent surrounding area, visible in all viewing directions, e. g. discoloration, change in gloss and colour, and / or structure of the surface slightly changed, e.g. swelling, fibre raising, cracking, blistering
1	Strong change the structure of the surface being distinctly changed and / or discoloration, change in gloss and colour, and / or the surface material being totally or partially removed, and / or the filter paper adhering to the surface

\*\*\* END OF THE REPORT \*\*\*