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FLAMMABILITY TEST REPORT

Report No: Redacted Date Received: 04/11/11 Date Tested: 11/11/11 Date Issued: 11/11/11

Company Name & Address: Redacted

Contact Name: DR. LISA McQUILLAN

Sample Details

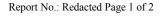
Production Identification: EO Classic Wedge, Project Trap/Cube/Colourpanel

Order no: Redacted

Sample description: 4 Blocks of Polyurethane foam

Test Method	Pre Treatment	Flammability Performance Requirements	Result
BS 5852: Part 2: 1982, Ignition source 5 (Crib 5).	None	As Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended).	PASS

2.	
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(Chemical Technologist) (Flammability Technician) (Ouality Manager)	(Analytical Lab Manager)











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Filling Specification

Filling type: Polvurethane foam
Density / Hardness: Not stated / Not stated

Cover fabric: Standard test fabric as detailed in Schedule 1 Part 1 of The Furniture (Fire) (Safety)

Regulations 1988 (as amended).

Conditioning

Prior to testing: At least 72 hours in ambient indoor conditions, then at least 16 hours in an

atmosphere having a temperature of 20+5°C and a relative humidity of 50+20%

At time of testing: Temperature between 15°C & 30°C. Relative humidity between 20% & 70%

Test Results

"The following test results relate only to the ignitability of the combination of upholstery composites under the particular conditions of test; they are not intended as a means of assessing the fully potential fire hazard of the materials in use."

	conditions of test: they are not intended as a means of assessing the fully potential fire hazard of the materials in use."							
Pass / Fail Criteria	Initial test		Repeat test					
Progressive smouldering failure								
Externally detectable amounts of smoke, heat or glowing 60 min after crib ignition	No		No					
Escalating smouldering behaviour rendered the test unsafe to continue and required forcible extinction	No		No					
Smouldering essentially consumed the test specimen within the duration of the test	No		No					
Flaming failure								
The test specimen continued to flame for more than 10 minutes after the ignition of the crib	No		No					
Escalating combustion behaviour rendered the test unsafe to continue and required forcible extinction	No		No					
Flaming essentially consumed the test specimen within the duration of the test	No		No					
Final examination								
Progressive smouldering was observed when the sample was dismantled	No		No					
Comments								
Time to extinction of flames after crib ignition	2 minutes 49 seconds		2 minutes 54 seconds					
Time to extinction of glowing after crib ignition	Due to the position of the crib within the test specimen it was not possible to see when glowing ceased		Due to the position of the crib within the test specimen it was not possible to see when glowing ceased					
Time to extinction of smoke after crib ignition	Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased		Due to the amount of smoke in the test enclosure it was not possible to see when smoking ceased					
Maximum extent of damage to back (mm) Length / Width	400	152	400	149				
Maximum extent of damage to base (mm) Length / Width	106	161	98	158				
The resultant mass loss exceeded 60g	No (33g)		No (32g)					
Test Result	Pass		Pass					

Conclusions

The sample tested meets the requirements of Schedule 1 Part 1 (Ignition test for polyurethane foam in slab or cushion form) of The Furniture and Furnishings (fire) (safety) Regulations 1988 (as amended). PASS.



