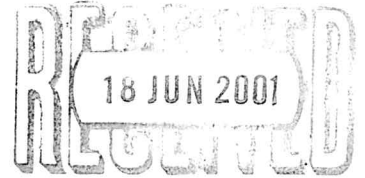




SGS United Kingdom Ltd.  
Consumer Products Division



Gaw House  
Alperton Lane  
Alperton  
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HA0 1WU  
Tel: 020 8998 2171  
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BUTE FABRICS LTD  
4 BARONE ROAD, ROTHESAY  
ISLE OF BUTE  
SCOTLAND, PA20 0DP

Attn: ARCHIE McCABE

Report No. TX 28562/MG/01

Date : 15 June 2001

Page 1/2

Your Ref. : 2485

REPORT ON SUBMITTED SAMPLE RECEIVED ON 14 MAY 2001

FABRIC NO:CF 706 PENTLAND 4344 12243/01

Note: SGS can take no responsibility for the accuracy of the references /descriptions supplied by the client.

TEST SCHEDULE:

Tested to I.M.O. Resolution A.652 (16) Recommendation on fire test procedures for upholstered furniture (Methods of test for the ignitability by smokers' materials of upholstered composites for seating).

In the cigarette and match test the cover was tested in combination with a standard worse case scenario non-flame retardant conventional polyurethane foam of an approximate nominal density of 21Kg/m<sup>3</sup>.

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

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Continued ../2

Reporting Officer: Martin Gall

Countersigned by:

Enquiries relating to the content of this report to be directed to the Reporting Officer

SMOULDERING CIGARETTE SOURCE TEST RESULTS:

	<u>1st</u>	<u>2nd</u>
The cigarette was consumed after	25MIN 39SEC	*14MIN 31SEC
The cover char split after	NO SPLIT	NO SPLIT
All smouldering ceased after	27MIN 51SEC	*14MIN 31SEC

\*Cigarette self extinguished before being fully consumed.

Test terminated due to unsafe escalating combustion	NO
Test terminated due to flaming after 60 minutes	NO
Test terminated due to smouldering after 60 minutes	NO
Test terminated due to glowing after 15 minutes	NO
Damage exceeded 100mm from ignition source 0	NO
Flame front reached side/front extremities	NO
Flame front penetrated full depth of test assembly	NO

This composite PASSES the requirements of 8.2 of the I.M.O. Resolution A.652 (16) in respect of the smouldering cigarette test.

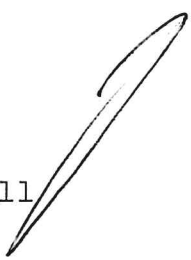
BUTANE FLAME IGNITION SOURCE (MATCH) TEST RESULTS:

	<u>1st</u>	<u>2nd</u>
Match applied for	20SEC	20SEC
The cover char split after	NOSEC	NOSEC
All flaming ceased after	24SEC	22SEC

Test terminated due to unsafe escalating combustion	NO
Test terminated due to flaming after 2 minutes 20 seconds	NO
Test terminated due to smouldering after 15 minutes	NO
Test terminated due to glowing after 15 minutes	NO
Smoulder damage exceeded 100mm from ignition source 1	NO
Flame front reached side/front extremities	NO
Flame front penetrated full depth of test assembly	NO

This composite PASSES the requirements of 8.3 of the I.M.O. Resolution A.652 (16) in respect of the butane flame ignition test.

Martin Gall



Reporting Officer: Martin Gall

Countersigned by:

*K. C. De Souza*  
K. C. De Souza

Enquiries relating to the content of this report to be directed to the Reporting Officer