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**P.O. Box 70**  
**NL-5753 AV DEURNE**  
**NEDERLAND**

**your e-mail of**  
 2007-06-26

**your reference**

**our reference**  
 PVH/6616

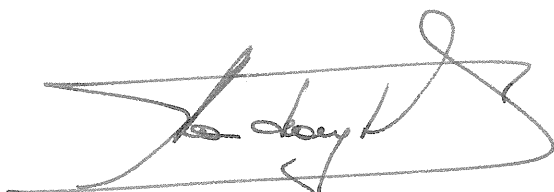
**date**  
 Zwijnaarde, 2007-07-09

<b>Analysis Report 57928</b>
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Required tests :

**IMO Fire Test Procedures (1998) - Resolution A.652(16) - 1989**  
**Recommendation on fire test procedures for upholstered furniture - smouldering cigarette test**  
**Recommendation on fire test procedures for upholstered furniture - butane flame test**

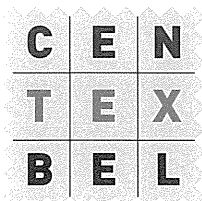
Identification number	Information given by the client	Date of receipt
T706040	Reference Composition  total weight PVC weight Backing weight	Vinyl Upholstery PVC topcoat, PVC foam layer, on a PES/Co (65/35) backing approx. 800 g/m <sup>2</sup> approx. 690 g/m <sup>2</sup> approx. 110 g/m <sup>2</sup>
		2007-06-27



Pros Van Hoeyland  
 order responsible

For further information, please contact our sectorial adviser Pros Van Hoeyland

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Reference : T706040 - Vinyl Upholstery

**IMO Fire Test Procedures (1998) - Resolution A.652(16) - 1989**  
**Recommendation on fire test procedures for upholstered furniture - smouldering cigarette test**

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.

End of tests: 9 July 2007

**A. Materials tested**

- |         |   |                 |                        |
|---------|---|-----------------|------------------------|
| Cover   | : | - quality       | Vinyl Upholstery       |
|         |   | - water soaking | no                     |
| Filling | : | - quality       | T 23140 (Recticel) *   |
|         |   | - density       | ± 22 kg/m <sup>3</sup> |

\* standard non-FR PU-foam (as indicated in Appendix A)

**B. Smouldering cigarette test**

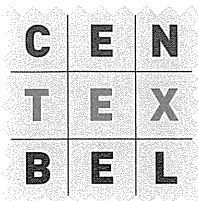
	test nr. 1	test nr. 2
- flaming	no	no
- glowing	no	no
- smouldering > 60 min	no	no
- escalating flaming combustion	no	no
- escalating smouldering combustion	no	no
- remarks	/	/
	<u>non-ignition</u>	<u>non-ignition</u>

**Conclusion : non-ignition**

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Performed under accreditation in the fire lab under the responsibility of Pros Van Hoeyland.

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Reference : T706040 - Vinyl Upholstery

**IMO Fire Test Procedures (1998) - Resolution A.652(16) - 1989**  
**Recommendation on fire test procedures for upholstered furniture - butane flame test**

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.

End of tests: 9 July 2007

**A. Materials tested**

Cover	:	- quality	Vinyl Upholstery
		- water soaking	no
Filling	:	- quality	T 23140 (Recticel) *
		- density	± 22 kg/m <sup>3</sup>

\* standard non-FR PU-foam (as indicated in Appendix A)

**B. Butane flame test**

*flame application time : 20 s*

	test nr. 1	test nr. 2
- afterflame time (s)	1	1
- afterglow time (s)	0	0
- smouldering	no	no
- remarks	/	/
	<u>non-ignition</u>	<u>non-ignition</u>

**Conclusion : non-ignition**

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