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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

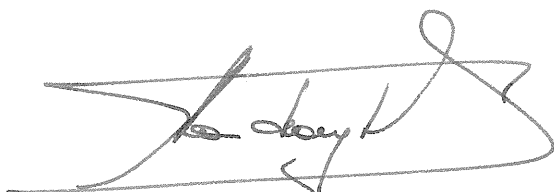
**date**  
 Zwijnaarde, 2007-07-09

|                              |
|------------------------------|
| <b>Analysis Report 57928</b> |
|------------------------------|

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**

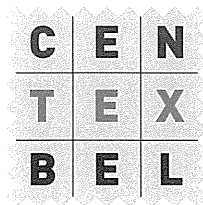
| Identification number | Information given by the client  | Date of receipt   |
|-----------------------|--|---|
| T706040               | Reference<br>Composition<br><br>total weight<br>PVC weight<br>Backing weight | Vinyl Upholstery<br>PVC topcoat, PVC foam layer,<br>on a PES/Co (65/35) backing<br>approx.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

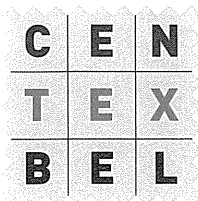
|                                     | test nr. 1          | test nr. 2          |
|-------------------------------------|---------------------|---------------------|
| - flaming                           | no                  | no                  |
| - glowing                           | no                  | 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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