

Firm: Richard Pieris Natural Foams Ltd  
Export Processing Zone  
Biyagama  
Malwana  
SRI LANKA

For the attention of: Wasantha Abeysirigunawardena

# Technical Services Report

Subject: IGNITABILITY TEST  
Our ref: FUR0145615/JMS/JPR  
Your ref: Latex foam  
Date sample received: 29/11/06  
Date: 8th December 2006

## Conditions of Issue:

**This report may be forwarded to other parties provided that it is not changed in any way. It must not be published, for example by including it in advertisements, without the prior, written permission of SATRA.**

Results given in this report refer only to the samples submitted for analysis and tested by SATRA. Comments are for guidance only.

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Work done or services undertaken are subject to the terms and conditions detailed below and all other conditions, warranties and representations, expressed or implied are hereby excluded.
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Prices are based on current material and production costs, exchange rates, duty and freight and are subject to change without notice.
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Delivery estimates are made in good faith and date from receipt of a written order and full information to enable us to proceed. While we make every effort to fulfil them, such estimates are subject to unforeseen events and if not maintained, cannot give rise to any claim. Offers "ex stock" are subject to prior sale.
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  - iii. The above items are submitted to the client as confidential documents. Confidentiality shall continue to apply after completion of the business, but shall cease to apply to information or knowledge which may come into the public domain.
11. **CONSTRUCTION AND ARBITRATION**  
The laws of England shall govern all contracts and the parties submit to exclusive jurisdiction of the courts of England, unless otherwise agreed.

**Ignitability test for rubber latex foam according to Schedule 1 Part III of the Furniture and Furnishings (Fire) (Safety) Regulations 1988, amended 1989 and 1993, (SI 1988/No.1324, SI 1989/No.2358, SI 1993/No.207)**

## Sample Identification

A rubber latex foam identified by the client as:

Latex foam (3067420915)

The tests were carried out using a 220g/m<sup>2</sup> flame retardant polyester fabric which deviates in part from the specification stated in Schedule 1 Part III of the Regulations. Although this fabric does not fully meet the specification laid down in the Regulations, this was regarded as having no significant effect on the test.

## Conditioning

5 days at 20 ± 5°C and 50 ± 20%rh.

## Procedure

The test, based on BS 5852: Part 2: 1982, was carried out as described in Schedule 1 Part III of the Regulations using ignition source 2. A separate test assembly was used for each application.

## Results and observations

*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.*

First application: The flames self-extinguished 21 seconds after removal of the flaming source and smouldering ceased 17 seconds later.

Second application: The flames self-extinguished 13 seconds after removal of the flaming source and smouldering ceased 15 seconds later.

**On the basis of the tests carried out as described, it is the opinion of this laboratory that this sample of rubber latex foam would MEET the requirements of Schedule 1 Part III of the Furniture and Furnishings (Fire) (Safety) Regulations 1988, (amended 1989 and 1993).**