

Textile Analysis Service B19 Human Ecology Building University of Alberta Edmonton Alberta T6G 2N1

Phone (780) 492-7677 Fax (780) 492-4821

Test Report

Client

Australian Sheepskin Apparel

526A 45th Street E Saskatoon, SK S7K 0W2 Date

31 August, 2015

Receipt No.

0395

Reference No.

20-004-46

Material Tested

Green medical sheepskin.

Testing Requested

The sheepskin is intended for use as bedding and for used in a hospital setting; therefore, the product was evaluated for compliance with the requirements of:

- 1. CAN2-4.162-M80 Hospital textiles- Flammability Performance Requirements par 4.3 Bed Linen.
- 2. Canadian Consumer Product Safety Act (CCPSA). Regulations for textiles to be used for bedding are covered under Item 5 of Textile Flammability Regulations SOR/2011-22 of the CCPSA¹.

For both CCPSA and CAN2-4.162-M80, the test method and criteria are as follows:

Test Method

CAN/CGSB-4.2, No. 27.5-2008 Textile Test Methods – Flame Resistance – 45° Angle Test – One Second Flame Impingement, a standard test method of the Canadian General Standards Board.

Test Criteria

A textile may be used for bedding if when tested in accordance with CAN/CGSB 4.2, No. 27.5 – 2008, the textile does not ignite, or if it does ignite and continues to burn, the average flame spread time is greater than 7 seconds.

ABOUT THIS TEXTILE ANALYSIS SERVICE REPORT

The findings of this report were made by experienced analysts and are based on current Textile Analysis Service knowledge. It is assumed that the information supplied by the client was valid and complete.

Samples submitted for testing are accepted on the understanding that the report issued can not form the basis of, or instrument for, any legal liability against the Textile Analysis Service and applies specifically to the sample tested and not necessarily to the bulk.

The report is considered to be the privileged information of the client (person/agency requesting the analysis). The Textile Analysis Service will not release details, or copies, of the report without the permission of the client. The contents of the report are not to be abstracted (summarized) or reproduced in part without the written permission of the Textile Analysis Service. The report may be reproduced in whole.

In the event of the improper use of this report, the Textile Analysis Service reserves the right to withdraw it or to adopt any other remedy which may be appropriate.

Test Results

Sample: Green medical sheepskin

Tests were conducted on the fleece side of the sheepskin in both the lengthwise and crosswise directions of the hide. The fleece pile was brushed upright before testing.

| Specimen No. | Surface & Direction of Test | Flame Spread Time (s) | Observations | Specimen |
|-----------------|-----------------------------------|-----------------------------|---|----------|
| 1 | face/lengthwise | - | Slight charring of the fibre tips on the surface of the fleece occurred on each of the specimens in the area that was in direct contact with the ignition flame. None of the specimens ignited or continued to burn during the test. | |
| 2 | face/lengthwise | - | | |
| 3 | face/lengthwise | - | | |
| 4 | face/lengthwise | S(*** | | |
| 5 | face/lengthwise | ı. . | | |
| 6 | face/crosswise | - | | |
| 7 | face/crosswise | R - | | |
| 8 | face/crosswise | - | | |
| 9 | face/crosswise | - | | |
| 10 | face/crosswise | _ | | |
| Average | | - | | |

Conclusions

The green medical sheepskin passed the flammability criteria specified under Item 5 of *Textile Flammability Regulations* SOR/2011-22 of the CCPSA and the flammability criteria for bed linen specified in the par 4.3.1 of CAN2-4.162-M80 *Hospital textiles- Flammability Performance Requirements*. None of the sheepskin specimens ignited when tested in accordance with CAN/CGSB-4.2, No. 27.5.

Jane Batcheller, PhD Textile Technologist

Jane Batchella

¹Copy of CCPSA SOR/2011-22 at URL http://laws-lois.justice.gc.ca/eng/regulations/SOR-2011-22/page-1.html#h-2