

FLAMMABILITY TEST REPORT

Report No.: LEI23040529A Original **Date Received:** 11/04/23 **Date Tested:** 13/04/23 **Date Issued:** 13/04/23

Company Name & Address: **TEXCHEM UK LTD**
HOLMES MILL
HOLMES STREET
ROCHDALE
OL126AQ


Contact Name: **WAYNE AARON**

Sample Details

Order No.: Not stated
Sample Description: **NON WOVEN TEXTILE WITH FR AND REPELLENT FINISH**
Ref/Style No.: **SKUDO GENERAL PURPOSE MAT**
Colour: **EMERALD GREEN**
Quality: Not stated
Supplier: **SKUDO USA**
Batch No.: Not stated
End Use: **SURFACE PROTECTION**
No. Of Sample: 10
Quoted Fibre Composition: 100 POLYESTER
Weight/Width: 400GSM
Retailer: General
Buying Division: Not stated
Specification No.: Not stated
Care Instructions: Dry cleaning
Sample Description: **White coloured non-woven / felt with green coloured surface coating**

Test Method	Result
16 CFR 1630 (FF 1-70)	PASS

.....
STEVEN OWEN
(Technical & Operational
Excellence Manager)


.....
ANDREW HALLETT
(Flammability Team Leader)

.....
CAROLE SPOWART
(Flammability
Administrator)

.....
GREGORY JAMES
(Flammability Technician)

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Test Specification

Test method 16 CFR 1630 (FF 1-70)
Ignition Source: Methenamine tablet

Pre - Treatments

None

Uncertainty of Measurement

The uncertainty of measurement has been estimated to be 4.44%

Conditioning

Prior to testing: 2 hours at 105 ± 5°C followed by a minimum of 1 hour over desiccant
At time of testing: Temperature between 15°C & 30°C. Relative humidity between 15% & 80%

Test results

The results relate only to the behaviour of specimens after the application of a small source of ignition; they shall not be used as a means of assessing how the product will contribute to an established fire.

Specimen Tested	Minimum distance from the flattening frame to the charred area (mm)	Flaming Ceased	Afterglow Ceased	Smoking Ceased	Time effects of ignition reached the metal ring (Secs)
1	92mm	99 Seconds	N/A	101 Seconds	Did Not Reach Metal Ring
2	93mm	92 Seconds	N/A	94 Seconds	Did Not Reach Metal Ring
3	94mm	91 Seconds	N/A	93 Seconds	Did Not Reach Metal Ring
4	91mm	97 Seconds	N/A	99 Seconds	Did Not Reach Metal Ring
5	92mm	95 Seconds	N/A	97 Seconds	Did Not Reach Metal Ring
6	94mm	92 Seconds	N/A	94 Seconds	Did Not Reach Metal Ring
7	94mm	98 Seconds	N/A	100 Seconds	Did Not Reach Metal Ring
8	91mm	94 Seconds	N/A	97 Seconds	Did Not Reach Metal Ring

N/A = Not applicable

DNI = Did not ignite

FE= Forcibly extinguished after charred area reached the flattening ring

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Report Photograph:



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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately 95 %. Unless otherwise specified all compliance and pass/fail statements are binary simple acceptance based on the tolerance interval and, with the exception of graded methods, a test uncertainty ratio greater (TUR) than 4:1. For graded methods the TUR will drop to as low as 0.5:1 when the tolerance limits are within a grade division of the upper scale limit. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are on or close to Specification Limits / Requirements and in such cases it should be noted that the risk of false acceptance or rejection may be as high as 50%, for further information please refer to ILAC G8.

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