



4417

## Test Report

Report No.: AJFS2407008672FF

Date: AUG.01, 2024

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**DOREL HOME FURNISHINGS EUROPE LTD**

ALPHASON HOUSE, 244 SWAN LANE, HINDLEY GREEN, WIGAN WN2 4EY, UNITED KINGDOM

**Sample Description:** UKFR – PU BLACK

**SGS Ref No.:** AJHL2407003362FT

**Ref. No/Item No.:** COLBY PU HB BARSTOOL – BLK/SILVERSTONE CHAIR – BLACK

**Buyer:** DOREL HOME EUROPE

**Manufacturer:** HENGLIN FACTORY

HENGLIN HOME FURNISHINGS CO LTD

**Country of Origin:** CHINA

**Country of Destination:** GREAT BRITAIN

**Labeled Age Grading:** ADULT

The above sample(s) was / were submitted and identified on behalf of the client. SGS is not responsible for the authenticity, integrity and results of the data and information and / or the validity of the conclusion arising therefrom. Results apply to the sample as received.

\*\*\*\*\*

### **Test Requested:**

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No.1324 (amended 1989,1993 and 2010), Schedule 4 Part I Cigarette test for cover fabrics and Schedule 5 Part I Match test for cover fabrics. As specified in above standard(s) and incorporated with using ignition source 0 and 1 of BS 5852 Part 1:1979.

**Test Results:** -- See attached sheet --

**Conclusion:** The tested sample **Meets** the Requirements of Schedule 4 Part I and Schedule 5 Part I in Statutory Instrument 1988 No.1324 (Amended 1989,1993 and 2010) the Furniture and Furnishings (Fire) (Safety) Regulations.

### **Test Period:**

Sample Receiving Date : JUL.23, 2024

Test Performing Date : JUL.23, 2024 TO JUL.30, 2024

Signed for and on behalf of

SGS-CSTC Standards Technical Services Co., Ltd. Anji Branch

Echo

Echo Li

Approved Signatory

Scan to see the report



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### Test Conducted

The Furniture and Furnishings (Fire) (Safety) Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010), Schedule 4 Part I Cigarette test for cover fabrics and Schedule 5 Part I Match test for cover fabrics. Smouldering cigarette test(ignition source 0) and Butane flame test(ignition source 1) of BS 5852 Part 1:1979.

### Conditioning

The specimens were cleansed using a water-soak procedure at 40±1°C as described in BS 5651:1978 and modified by this Regulations 1988 S.I. No. 1324 (amended 1989, 1993 and 2010) Schedule 4 Part I and Schedule 5 Part I.

The specimens were conditioned immediately before the test for 72 h in indoor ambient conditions and then for at least 16 h in an atmosphere having a temperature of 20±5°C and a relative humidity of 50±20%.

At time of testing: Temperature between 15°C ~ 30°C and Relative humidity between 20% ~ 70%.

### Test Result

The following test results relate only to the ignitability of the combination of materials under the particular condition of test; they are not intended as a means of assessing the full potential fire hazard of the materials in use.

|                                                                                                                                                                |                 |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| (A) Smouldering cigarette test criteria (BS 5852 Part 1:1979)                                                                                                  | 1 <sup>st</sup> | 2 <sup>nd</sup> |
| Clause 9.2.3 Whether the evidence of progressive smouldering or flaming is observed in the interior and/or cover                                               | No              | No              |
| Clause 9.2.4 Whether progressive smouldering or flaming of the sample is observed at any time within one hour of placement of the cigarette                    | No              | No              |
| Clause 9.2.5 Whether progressive smouldering is observed on final examination when dismantle assembly and examine internally                                   | No              | No              |
| (B) Butane flame test criteria (BS 5852 Part 1:1979)                                                                                                           | 1 <sup>st</sup> | 2 <sup>nd</sup> |
| Clause 9.3.4 Whether the evidence of flaming or progressive smouldering in the interior and/or cover is observed beyond 120s of the removal of the burner tube | No              | No              |
| Clause 9.4 On final examination whether progressive smouldering is observed when dismantle assembly and examine internally                                     | No              | No              |



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## Detailed Results

| Cigarette Test                                     |                          |                 |                 |
|----------------------------------------------------|--------------------------|-----------------|-----------------|
| Test No.                                           |                          | 1 <sup>st</sup> | 2 <sup>nd</sup> |
| Progressive smouldering (PS) or Flaming (F)        |                          | No              | No              |
| Duration of                                        | Ignition source (min, s) | 3 min 28 s*     | 4 min 02 s*     |
|                                                    | Flames (min, s)          | 0 s             | 0 s             |
|                                                    | Smoke (min, s)           | 3 min 38 s      | 4 min 11 s      |
| Final examination of progressive smouldering (9.4) |                          | No              | No              |
| Reason for failure (Ref to failure code)           |                          | --              | --              |
| Comments & observations                            |                          | No              | No              |
| Result                                             |                          | Pass            | Pass            |

Remark: \*--- The cigarette self-extinguished.

| Match Test                                         |                           |                 |                 |
|----------------------------------------------------|---------------------------|-----------------|-----------------|
| Test No.                                           |                           | 1 <sup>st</sup> | 2 <sup>nd</sup> |
| Progressive smouldering (PS) or Flaming (F)        |                           | No              | No              |
| Duration of                                        | Ignition source (19-21 s) | 20 s            | 20 s            |
|                                                    | After flames (min, s)     | 0 s             | 0 s             |
|                                                    | Smoke (min, s)            | 29 s            | 30 s            |
| Final examination of progressive smouldering (9.4) |                           | No              | No              |
| Reason for failure (Ref to failure code)           |                           | --              | --              |
| Comments & observations                            |                           | No              | No              |
| Result                                             |                           | Pass            | Pass            |

Remark: The submitted sample was tested in combination with standard worst case scenario non-flame retardant conventional polyurethane foam as specified in the Regulations.

**Statement:** The decision rules for statements of conformity (Pass/Fail) have been applied to any results that results in a numerical value and are based on the probability conformance of 95% (UKAS LAB 48) agreed with the customer at the contract review stage.



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### Photo Appendix:

Details of sample:

Color: Black

This PU sample of approximate area density of 661 g/m<sup>2</sup>.



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*