

Our Ref: SW/MG/RM

15 April 2015

Report 251335/3

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Oddies Textiles
Unit 3 Bank House
Greenfield Road
Colne
Lancashire
BB8 9NL

Contact: Edward Bank

DATE RECEIVED	:	13 MARCH 2015
QUALITY/REFERENCE	:	C5593 – BLACKWATCH
REPUTED FIBRE CONTENT	:	NOT GIVEN
FABRIC DESCRIPTION	:	WOVEN

REQUEST: EN71-3:2013 Toxicity

COMMENTS: See report



S. WISEMAN
LABORATORY MANAGER



M. GRAINGER
SENIOR TECHNOLOGIST

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This test has been sub-contracted

Category III Analysis results

PASS

Category III - Scraped off material

The EN 71-3 screening test used by MTS (UK) tests for the migration of 16 of the 19 'elements' restricted by EN 71-3:2013;

It does not test for the presence of chromium III, chromium VI or organic tin specifically, it does however test for chromium and tin and compliance with the limits for chromium III, chromium VI or organic tin may be inferred from low results from these analyses (see below).

A. C5593 Blackwatch

The material complied with the limits of the 16 elements specifically analysed for (see analysis table).

The migration of tin from the sample was determined to be not greater than 4.9 mg/kg, which, when expressed in the form of tributyl tin, would not be greater than the organic tin limit of 12 mg/kg, the material can therefore be inferred as complying with the organic tin limit.

The migration of chromium from the sample was not greater than the chromium III limit of 460 mg/kg or the chromium VI limit of 0.2 mg/kg, the material can therefore be inferred as complying with the chromium III and chromium VI limits.

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C5593 Blackwatch

Metal	Method	Limit	Results
Al	Composite BS EN 71-3:2013 Testing	70000	10
Sb		560	6
As		47	<1
Ba		18750	<5
B		15000	<5
Cd		17	<1
Cr		460.2	<0.1
Co		130	<5
Cu		7700	<5
Pb		160	<5
Mn		15000	<5
Hg		94	<1
Ni		930	<5
Se		460	<5
Sr		56000	<5
Sn		180000	<1
Zn		46000	<5

Samples marked * were sieved, those marked # were centrifuged. Details of additional acid required to lower pH and solvent used for extraction appear in [] in sample description.

Solid to acid extractant ratio exceeded 1:50 with sample weights below 100 mg and when additional acid was used to lower pH.

Quantities of soluble metals determined by inductively coupled plasma spectrophotometry.

All results are expressed in mg/Kg based on toy material after analytical correction factors have been applied