



Hong Kong

Technical Report No. 60.160.11.3284.01
Dated 2011-04-27

Applicant: Cafelat Ltd.

Test Subject: BLACK FABRIC / TOWEL

Purpose of Examination(s): Analysis of the 46 substances of very high concern (SVHC) on the Candidate List for authorization, concerning Regulation (EC) No. 1907/2006 as published on the European Chemicals Agency (ECHA) website in October 2008, January 2010, March 2010, June 2010 and December 2010.
Analysis based on LCMS, GCMS, Headspace-GCMS, ICP-OES/AAS, UV-VIS and XRF

Test result: Refer to Section 3

Conclusion(s): According to the specified scope and analytical techniques, the concentration of each of the 46 SVHC is **<0.1% (w/w)** in the submitted sample(s)

Remark: - The result relates only to the items tested
- Sample(s) are tested as received

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1 Order

1.1 Customer's Reference

Country of origin: CHINA
Colors or Prints: BLACK

1.2 Receipt Date of Test Sample, Location

Received on 2011-04-14, Hong Kong


1.3 Date of Testing, Location

From 2011-04-14 to 2011-04-21, Hong Kong

1.4 Document Submitted

Nil

2 Description of the Test Subject

Sample	Color and Description	Photograph
001	Black Towel	



3 Test Results

3.1 Analysis of the 46 substances of very high concern (SVHC) on the Candidate List for authorization, concerning Regulation (EC) No 1907/2006 as published on the European Chemicals Agency (ECHA) website in October 2008, January 2010, March 2010, June 2010 and December 2010

Analysis based on LCMS, GCMS, Headspace-GCMS, ICP-OES/AAS, UV-VIS and XRF.

Parameters	Result	Limit
	[% by Weight] Sample 001	
Forty six substances of very high concern ²	< 0.1	<0.1% (w/w)

- Note:
1. "<" denotes less than
 2. Candidate List for authorization, concerning Regulation (EC) No 1907/2006 as published on the European Chemicals Agency (ECHA) website in October 2008, January 2010, March 2010, June 2010 and December 2010

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Dated 2011-04-27

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No.	Substance Name	CAS	No.	Substance Name	CAS
1	Anthracene	120-12-7	24	2,4-Dinitrotoluene	121-14-2
2	4,4'- Diaminodiphenylmethane	101-77-9	25	Diisobutyl phthalate	84-69-5
3	Dibutyl phthalate (DBP)	84-74-2	26	Lead chromate*	7758-97-6
4	Cobalt dichloride *	7646-79-9	27	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8
5	Diarsenic pentaoxide*	1303-28-2	28	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2
6	Diarsenic trioxide *	1327-53-3	29	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8
7	Sodium dichromate *	7789-12-0 10588-01-9	30	Acrylamide	79-06-1
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	31	Trichloroethylene	79-01-6
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	32	Boric Acid*	10043-35-3 11113-50-1
10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α - HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	33	Disodium tetraborate, anhydrous*	1303-96-4 1330-43-4 12179-04-3
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	34	Tetraboron disodium heptaoxide, hydrate*	12267-73-1
12	Bis(tributyltin)oxide,(TBTO)*	56-35-9	35	Sodium chromate*	7775-11-3
13	Lead hydrogen arsenate *	7784-40-9	36	Potassium chromate*	7789-00-6
14	Benzyl butyl phthalate (BBP)	85-68-7	37	Ammonium dichromate*	7789-09-5
15	Triethyl arsenate *	15606-95-8	38	Potassium dichromate*	7778-50-9
16	Anthracene oil ^s	90640-80-5	39	Cobalt(II) sulphate *	10124-43-3
17	Anthracene oil, anthracene paste, distn. lights ^s	91995-17-4	40	Cobalt(II) dinitrate *	10141-05-6
18	Anthracene oil, anthracene paste, anthracene fraction ^s	91995-15-2	41	Cobalt(II) carbonate*	513-79-1
19	Anthracene oil, anthracene-low ^s	90640-82-7	42	Cobalt(II) diacetate*	71-48-7
20	Anthracene oil, anthracene paste ^s	90640-81-6	43	2-Methoxyethanol	109-86-4
21	Pitch, coal tar, high temp. ^s	65996-93-2	44	2-Ethoxyethanol	110-80-5
22	Aluminosilicate Refractory Ceramic Fibres*	-	45	Chromium trioxide*	1333-82-0
23	Zirconia Aluminosilicate, Refractory Ceramic Fibres*	-	46	Acids generated from chromium trioxide and their oligomers: a. Chromic acid* b. Dichromic acid * c. Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2

^{-**} denotes concentration of the SVHC was conversion of test results of the corresponding metal ion
^{-s}: The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological material), the test results are calculated based on the main constituents.

TÜV SÜD Hong Kong
 TÜV SÜD Group

Tested by:

Reviewed by:



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Christina Chan
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Hong Kong

Technical Report No. 60.160.9.3872.01
Dated 2009-06-30

Applicant: Cafelat Limited

Test subject: Grey fabric

Purpose of examination: (1) Analysis of 15 substances of very high concern (SVHC) on the Candidate List for authorization, EC 1907/2006
Published on 28 October 2008 by European Chemicals Agency (ECHA)
Analysis based on LCMS, GCMS, Headspace-GCMS, ICP-OES/AAS, UV-VIS and XRF.
[Reporting Limit: 0.1% (w/w)]

Test Result: Refer to the result on page 3

Conclusion: (1) Analysis of 15 SVHC on the Candidate List for authorization, EC 1907/2006. Published on 28 October 2008, European Chemicals Agency (ECHA) PASS*

Remark: - The result relates only to the items tested
- Samples are tested as received
- * denotes none of 15 substances of very high concern (SVHC) on the candidate list for authorization proposed by ECHA (1907/2006, October 2008) were detected exceeding 0,1% (w/w)

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Page: 1 of 4

1. Order**1.1 Customer's Reference**

Colors: Grey

1.2 Receipt Date of Test Sample, Location

Received on 2009-06-17, Hong Kong


1.3 Date of Testing, Location

From 2009-06-17 to 2009-06-29, Hong Kong

1.4 Document submitted

Nil

2. Description of the test subject:

Sample No.	Description	Weight	Photograph
001	Grey fabric with grey thread (fabric: 80% polyester 20% polyamide) (thread: 100% polyester)	40g	

3. Test Results

3.1 Analysis of 15 substances of very high Concern (SVHC) on the Candidate List for authorization, EC 1907/2006 published on 28 October 2008 by European Chemicals Agency (ECHA)

Analysis based on LCMS, GCMS, Headspace-GCMS, ICP-OES/AAS, UV-VIS and XRF.

Parameters	Result [% by Weight]	Limit
	Sample 001	
Fifteen substances of very high concern 1	< 0.1	<0.1% (w/w)

Note: 1. Candidate List of Substances of Very High Concern for authorisation, EC 1907/2006 Annex XIV, Published on 28 October, 2008 by ECHA


Substance Name	CAS	EINECS
Triethyl arsenate	15606-95-8	427-700-2
Anthracene	120-12-7	204-371-1
4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4
Dibutyl phthalate (DBP)	84-74-2	201-557-4
Cobalt dichloride	7646-79-9	231-589-4
Diarsenic pentaoxide	1303-28-2	215-116-9
Diarsenic trioxide	1327-53-3	215-481-4
Sodium dichromate	7789-12-0 & 10588-01-9	234-190-3
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (alpha-HBCDD, Beta-HBCDD, Gamma-HBCDD)	25637-99-4 3194-55-6 (134237-50-6, 134237-51-7, 134237-52-8)	247-148-4 221-695-9
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5
Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0
Lead hydrogen arsenate	7784-40-9	232-064-2
Benzyl butyl phthalate (BBP)	85-68-7	201-622-7

2. "<" denotes less than

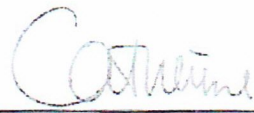
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Hong Kong

Technical Report No. 60.160.9.3872.01
Dated 2009-06-30

Appendix I - Breakdown of sample

Item Number	Description
001	Grey fabric with grey thread (fabric: 80% polyester 20% polyamide) (thread: 100% polyester)