

**Report No. : CH:TX:5420034189**

**Date : 27/05/2014**

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**CONTEMPORARY LEATHER PVT.LTD**

2/400,TRUNK ROAD,AYYAPPANTHANGAL, MOUNT POONAMALLE HIGH ROAD,  
CHENNAI-600 056  
INDIA

**CONTACT PERSON : Mr.MANUEL**

**THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :**

SAMPLE DESCRIPTION : LEATHER  
YMD  
BUYER : NOT PROVIDED  
COLOUR : BLACK  
COMPOSITION : NOT PROVIDED  
COUNTRY OF ORIGIN : NOT PROVIDED  
COUNTRY OF DESTINATION : NOT PROVIDED  
SAMPLE RECEIVING DATE : 23/05/2014  
TEST PERFORMING PERIOD: 23/05/2014 - 27/05/2014

\* \* \* \* \*

**OVERALL CONCLUSION : \*NIL**  
TEST RESULT : PLEASE REFER TO THE NEXT PAGE(s).  
TEST PERFORMED : SELECTED TEST(S) AS REQUESTED BY APPLICANT.

JOE No. : 1442822581

Control No.:5425036751

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Individual Test Result	Conclusion
AZO DYES	
LEATHER - BLACK	M
CHLOROPHENOLS	
LEATHER - BLACK	REFER RESULT
CHROMIUM -VI	
LEATHER - BLACK	M

**REMARKS** : M =Meet Client's requirement  
F = Do not meet Client's requirement.  
\* = No Specified requirement.

**NOTE** : Conclusions on pass/fail are based on the test result from the actual sampling of the received sample(s).  
For 2-composite mix with result exceeding one half of the relevant requirement or 3-composite mix with result exceeding one third of the relevant requirements, the composite sample may have the possibility of one or more components that can lead to a failure result, therefore, it is recommended to test on individual basis.

per pro SGS India Private Ltd.

**S. PRASAD**  
**SENIOR EXECUTIVE**

Email your Test Report Related Enquiries at [Feedback.SLT@sgs.com](mailto:Feedback.SLT@sgs.com)

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**COMPONENT LIST \ LIST OF MATERIALS :**

Sample No.	Material No.	Component	Material/Composition	Colour	Remark
1	1	LEATHER	LEATHER	BLACK	

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**AZO DYES**

According to ISO 17234-1:2010- Analysis was conducted with GCMS/HPLC-DAD

**LEATHER - BLACK**

No.	Forbidden Amines Substances	CAS-No.	Result (mg/kg)
1	4-aminodiphenyl/xenylamine/Biphenyl-4-ylamine	92-67-1	ND
2	Benzidine	92-87-5	ND
3	4-chlor-o-toluidine	95-69-2	ND
4	2-naphthylamine	91-59-8	ND
5	o-aminoazotoluene/4-o-tolylazo-o-toluidine/4-amino-2',3'-dimethylazobenzene	97-56-3	ND
6	2-amino-4-nitrotoluol/5-nitro-o-toluidine	99-55-8	ND
7	p-chloranilin/4-chloroaniline	106-47-8	ND
8	2,4-diaminoanisol/4-methoxy-m-phenylenediamine	615-05-4	ND
9	4,4'-diaminodiphenylmethane/4,4-methylenedianiline	101-77-9	ND
10	3,3'-dichlorobenzidine/3,3'dichlorobiphenyl-4,4'-ylenedia mine	91-94-1	ND
11	3,3'-dimethoxybenzidine/o-dianisidine	119-90-4	ND
12	3,3'-dimethylbenzidine/4,4'-bi-o-Toluidine	119-93-7	ND
13	3,3'-dimethyl-4,4'-diaminodipenylmethane/4,4'-methylene di-o-toluidine	838-88-0	ND
14	p-cresidin/6-methoxy-m-toluidine	120-71-8	ND
15	4,4'-methylen-bis-(2-chloro-aniline)/2,2'-dichloro-4,4'meth ylene-dianiline	101-14-4	ND
16	4,4'-oxydianiline	101-80-4	ND
17	4,4'-thiodianiline	139-65-1	ND
18	o-toluidine/2-aminotoluene	95-53-4	ND
19	2,4-toluylendiamine/4-methyl-m-phenylenediamine	95-80-7	ND
20	2,4,5-trimethylaniline	137-17-7	ND
21	4-aminoazobenzene	60-09-3	ND
22	o-anisidine/ 2-methoxyaniline	90-04-0	ND
23	2,4-Xylidine*	95-68-1	ND
24	2,6-Xylidine*	87-62-7	ND
<b>Conclusion:</b>			<b>PASS</b>

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Note: ND=Not Detected

Method Detection Limit=5mg/kg(ppm) (for individual compound)

Max Limit = 30 mg/kg (ppm)

\* Amine tested as per customer request

Recommended Max Limit with reference to entry 43 of Regulation (EC) No. 552/2009 amending Annex XVII of REACH Regulation (EC) No. 1907/2006.

Note : The ISO 17234-1; 2010 methods will enable further cleavage of 4-aminoazobenzene to non-forbidden amines: aniline and 1,4-phenylenediamine. If aniline and/or 1,4- phenylenediamine is not found (i.e. 5mg/kg) by mentioned test method, test result for 4-aminoazobenzene (CAS no. 60-09-3) is considered as "not detected" (i.e. <5mg/kg).

Otherwise, the test method of ISO 17234-2; 2011 will be employed to verify the presence of 4-aminoazobenzene.

Based on the test result, azo colorants which can release one or more of the listed amines by cleavage of their azo group/s were not detected in sample (s) or the commodity submitted.

Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-naphylamine (CAS number 91-59-8) and 4-methoxy-m-phenylene-diamine (CAS number 615-05-4) is found, the use of banned azo colorants cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used.

In case polyurethane materials are used, e.g. PU foams and coatings and in prints, it cannot be ruled out that certain amines, e.g. 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) and 2,4-toluylene-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant.

In case of pigment prints care has to be taken that 4,4'-methylene-dianiline (MDA, CAS number 101-77-9) is not released from a source of banned azo colorants but from e.g. a chemical fixing agent.

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**CHLOROPHENOLS**

With reference to § 64 LFGB BVL B 82.02.08 - Analysis was conducted by GC-ECD/MS

**LEATHER - BLACK**

No.	Chlorophenols:	CAS No.	Result (mg/kg)
1	Pentachlorophenol (PCP)	87-86-5	ND
<b>Conclusion:</b>			<b>NA</b>

Note : ND - Not Detected ; Method Detection Limit : 0.25 mg/kg  
NA - Buyer requirement not available

**CHROMIUM -VI**

With reference to ISO 17075:2007 - Analysis was conducted by UV/VIS Spectrometry.

**LEATHER - BLACK**

No.	Chromium VI	CAS No.	Result (mg/kg)
1	CONTENT	18540-29-9	ND
<b>Conclusion:</b>			<b>PASS</b>

Note: ND-Not Detected ; Method Detection Limit= 1 mg/kg  
Recommended Max. Limit specified by Commission Regulation (EU) No 301/2014 amending Annex XVII of REACH Regulation (EC) No 1907/2006.  
Requirement: <= 3mg/kg

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

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