

Test Report

Report No.: SFT23110750438E

Date: November 10, 2023

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Applicant: GUANG ZHOU MISS Q SHOES LIMITED

Address: ROOM 2004-2007,20th Floor, Block A2 Fortune building,NO.152 Xiwan Road, Liwan District,
Guangzhou, China

The following merchandise was (were) submitted and identified by client as:

Sample Name: 鞋材

Country of Origin: CHINA

Country of Destination: TURKEY

Test Period: From November 7, 2023 to November 10, 2023

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION
The listed aromatic amines (azocolourants) content in submitted sample by client's request.	PASS
Phthalates Content in submitted sample by client's request.	PASS

Test Result(s): Please refer to next page(s).

Signed for and on Behalf of SFT


Tom Yin / Technical Manager
Guangdong Safety Testing Co., Ltd.

The result(s) shown in this report refer(s) only to the sample(s) tested; Without written approval of SFT, this report can't be reproduced except in full.

Guangdong Safety Testing Co., Ltd.

No.1, the 1st North Industry Road, Songshan Lake Sci.&Tech. Park, Dongguan,
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Test Result(s):

The listed aromatic amines (azocolourants) content

Test Method I : EN ISO 14362-1:2017

Test Method II: ISO 17234-1: 2020, Analyzed by Gas Chromatography-Mass Spectrometer.

Test Parameter:		Aromatic Amines (Azocolourants)		
Client's Limit:		Each 20 mg/kg		
Test Component	Test Method	Detected Amine Number	Concentration (mg/kg)	Conclusion
1+2+3	I	-	ND	PASS
4+5+6	I	-	ND	PASS
7	I	-	ND	PASS
8+9+10	I	-	ND	PASS
11+12+13	I	-	ND	PASS
14+15+16	I	-	ND	PASS

Note / Key :

ND = Not Detected (<MDL)

ppm = parts per million

MDL=Method Detection Limit (mg/kg) : 5

mg/kg = milligrams per kilogram

Amine No. = Refer to List of Banned Amines for the description of the detected Amine.

Remark:

The list of aromatic amines in azo colorants is summarized in table of Appendix.

The EN ISO 14362-1:2017 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. 5.0 mg/kg) by mentioned test method, test result for 4-aminoazobenzene (CAS no. 60-09-3) is considered as "not detected" (i.e. <5.0 mg/kg). Otherwise, the test method of EN ISO 14362-3:2017 will be employed to verify the presence of 4-aminoazobenzene.

4-Aminodiphenyl (CAS number 92-67-1), 2-Naphthylamine (CAS number 91-59-8) and 4-Methoxy-m-phenylene-diamine (CAS number 615-05-4) can be indirectly generated from some colorants which do not contain these amines azo bound. The use of banned azo colorants cannot be reliably ascertained without additional information.

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-toluylen-diamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant.

Tested part(s) was/were specified by client

Composite testing(s) was/were specified by client

LIST OF BANNED AMINES		
Specified Amines		
Number	Chemical Name	CAS Number
1.	4-aminobiphenyl	92-67-1
2.	Benzidine	92-87-5
3.	4-chloro-o-toluidine	95-69-2
4.	2-naphthylamine	91-59-8
5.	o-aminoazotoluene	97-56-3

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LIST OF BANNED AMINES		
Specified Amines		
6.	5-nitro-o-toluidine	99-55-8
7.	4-chloroaniline	106-47-8
8.	2,4-diaminoanisole	615-05-4
9.	4,4'-diaminodiphenylmethane	101-77-9
10.	3,3'-dichlorobenzidine	91-94-1
11.	3,3'-dimethoxybenzidine	119-90-4
12.	3,3'-dimethylbenzidine	119-93-7
13.	4,4'-methylenedi-o-toluidine	838-88-0
14.	p-cresidine	120-71-8
15.	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4
16.	4,4'-oxydianiline	101-80-4
17.	4,4'-thiodianiline	139-65-1
18.	o-toluidine	95-53-4
19.	2,4-diaminotoluene	95-80-7
20.	2,4,5-trimethylaniline	137-17-7
21.	o-anisidine	90-04-0
22.	4-amino azobenzene	60-09-3
23.	2,4-xyldine	95-68-1
24.	2,6-xyldine	87-62-7
25.	Aniline	62-53-3

Phthalates Content

Test method: ISO 8124-6: 2018, analyzed by Gas Chromatography-Mass Spectrometer (GC-MS).

Test Item	CAS No.	Client's Limit (mg/kg)	MDL (mg/kg)	Result(mg/kg)		
				Test Component(s)		
				1+2+3	4+5+6	7
Dibutyl phthalate (DBP)	84-74-2	-	50	ND	ND	ND
Benzylbutyl phthalate (BBP)	85-68-7	-	50	ND	ND	ND
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	-	50	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	-	50	ND	ND	ND
Di-isononyl phthalate (DINP)	28553-12-0/ 68515-48-0	-	100	ND	ND	ND
Di-isodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	-	100	ND	ND	ND
Sum of DEHP+DBP+BBP+DINP+DIDP+DNOP	-	1000	100	ND	ND	ND
Conclusion				PASS	PASS	PASS

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Test Item	CAS No.	Client's Limit (mg/kg)	MDL (mg/kg)	Result(mg/kg)		
				Test Component(s)		
				8+9+10	11+12+13	14+15+16
Dibutyl phthalate (DBP)	84-74-2	-	50	ND	ND	ND
Benzylbutyl phthalate (BBP)	85-68-7	-	50	ND	ND	ND
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	-	50	ND	ND	ND
Di-n-octyl phthalate (DNOP)	117-84-0	-	50	ND	ND	ND
Di-isononyl phthalate (DINP)	28553-12-0/ 68515-48-0	-	100	ND	ND	ND
Di-isodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	-	100	ND	ND	ND
Sum of DEHP+DBP+BBP+DINP+DIDP+DNOP	-	1000	100	ND	ND	ND
Conclusion				PASS	PASS	PASS

Note / Key :

ND = Not detected(<MDL)

MDL=Method Detection Limit

10 000 mg/kg = 1 %

mg/kg = milligram per kilogram = ppm = part per million

Remark:

Tested part(s) was/were specified by client

Composite testing(s) was/were specified by client

Test Component	Sample Description/ Location	Style
1	Champagne synthetic leather	-
2	Bright black synthetic leather	-
3	Black synthetic leather	-
4	Black synthetic leather	-
5	Golden synthetic leather	-
6	Pewter synthetic leather	-
7	Transparent soft plastic	-
8	Matte black synthetic leather	-
9	Bright black synthetic leather	-
10	Silvery-grey synthetic leather	-
11	Black synthetic leather	-
12	Light brown synthetic leather	-
13	Brown synthetic leather	-
14	Dark brown synthetic leather	-

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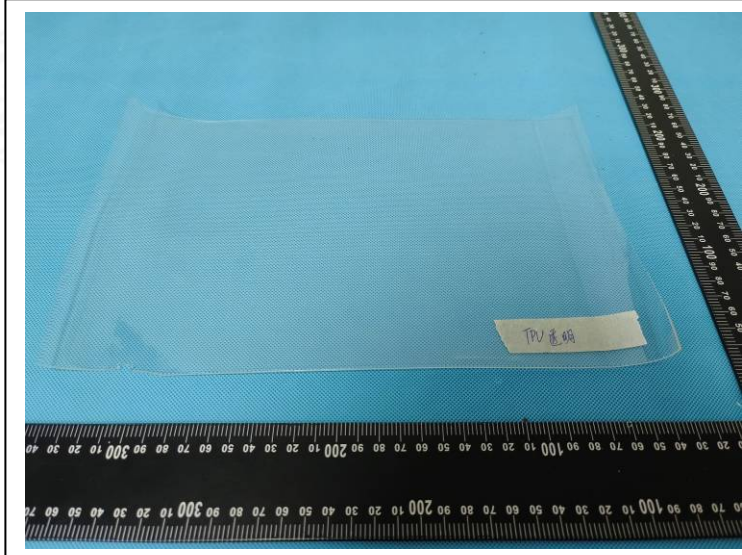
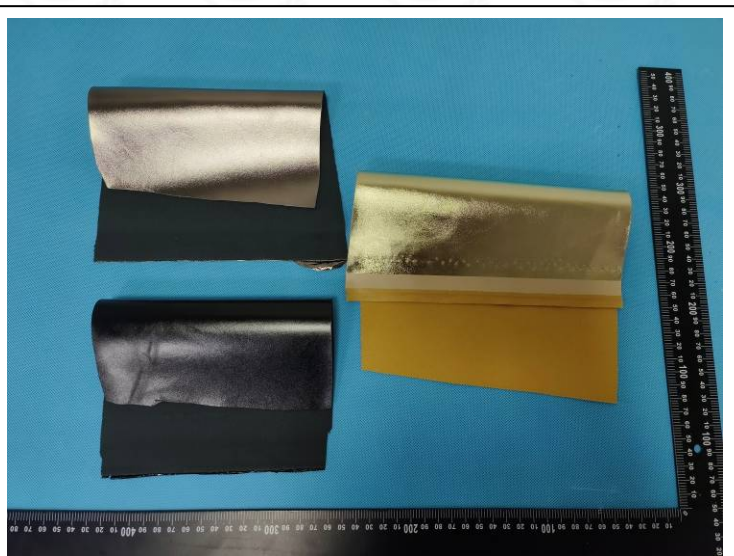
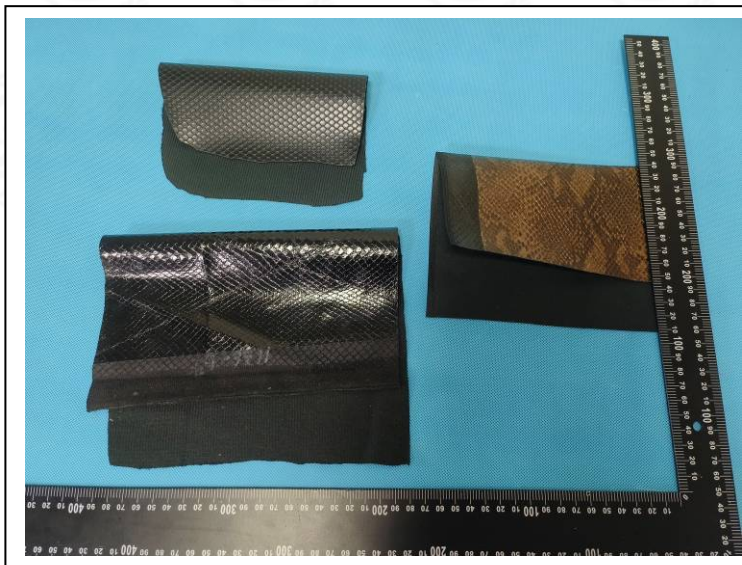
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15	Black synthetic leather	-
16	Brown synthetic leather	-

Photo of Sample



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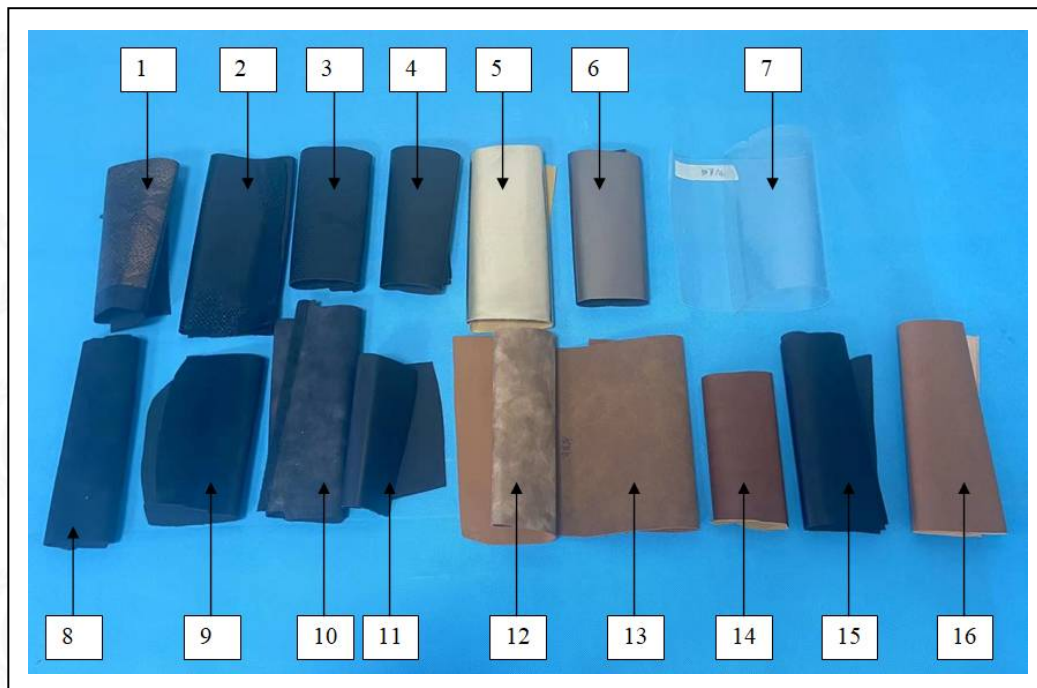
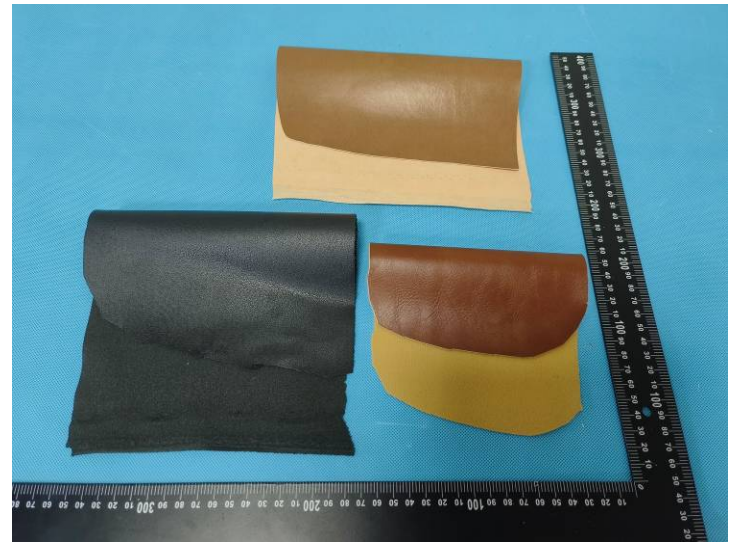
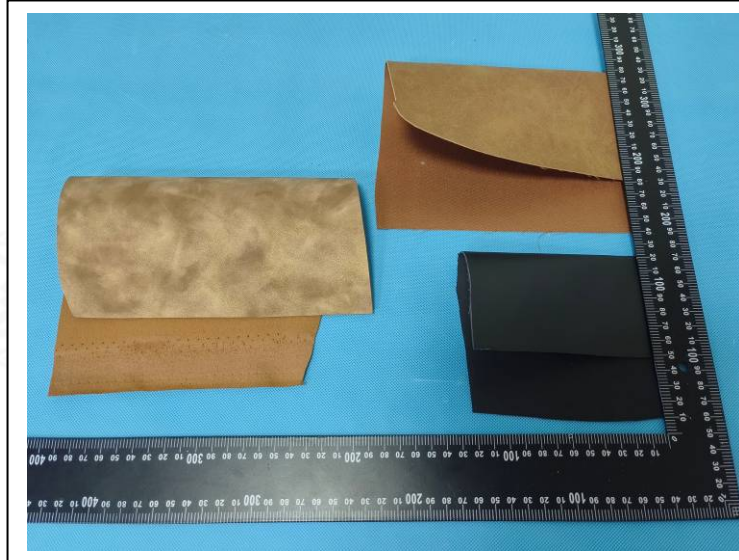
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End of Report

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