

TEST REPORT

Test Report # 22A-005644(A1) Date of Report Issue: June 17, 2022
Date of Sample Received: June 13, 2022 Pages: Page 1 of 9

CLIENT INFORMATION:

Company: Mid Ocean Brands B.V.
Address: 7/F., Kings Tower, 111 King Lam Street, Cheung
Sha Wan, Kowloon, Hong Kong



SAMPLE INFORMATION:

Product Name: Thick tactile gloves
Model No.: MO6667
Order No.(PO No.): -
Country of Origin: -
Country of Distribution: Europe
Composition/Main Material: Acrylic, polyester
Buyer Name: Mid Ocean Brands B.V.
Supplier Name: 100396
Testing Period: 06/13/2022-06/17/2022

Labeled Age Grade: -
Client Request Age Grade: -
Recommended Age Grade: -
Tested Age Grade: -

OVERALL RESULT:

PASS

Please refer to the following pages for test result summary and appropriate notes.

QIMA (HANGZHOU) TESTING CO., LTD.

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Thetis Tang

Jeremy Xu

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Textile Laboratory Supervisor

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Test(s) marked with 'φ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials
PASS	Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles
PASS	Colour Fastness to Rubbing



DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 63 Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal) and/or CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2+3+4	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	---	---	---	500
Conclusion	PASS	PASS	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



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DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 23 Cadmium in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2+3+4	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Cadmium (Cd)	ND	ND	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 15mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.



DETAILED RESULTS:

Regulation (EC) No. 1907/2006 REACH Annex XVII, Item 43 Azocolorants in Textiles

Test Method: EN ISO 14362-1:2017, EN ISO 14362-3:2017
 Analytical Method: Gas Chromatography with Mass Spectrometry, Liquid Chromatography with Diode Array Detection / Liquid Chromatography with Mass Spectrometry

Specimen No.		1	2+3+4	---	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
4-aminobiphenyl	92-67-1	ND	ND	---	---	30
Benzidine	92-87-5	ND	ND	---	---	30
4-chloro-o-toluidine	95-69-2	ND	ND	---	---	30
2-naphtylamine	91-59-8	ND	ND	---	---	30
o-Aminoazotoluene	97-56-3	ND	ND	---	---	30
5-nitro-o-toluidine	99-55-8	ND	ND	---	---	30
4-chloroaniline	106-47-8	ND	ND	---	---	30
2,4-diaminoaniline	615-05-4	ND	ND	---	---	30
4,4'-methylenedianiline	101-77-9	ND	ND	---	---	30
3,3'-dichlorobenzidine	91-94-1	ND	ND	---	---	30
o-dianisidine	119-90-4	ND	ND	---	---	30
3,3'-dimethylbenzidine	119-93-7	ND	ND	---	---	30
4,4'-methylenedi-o-toluidine	838-88-0	ND	ND	---	---	30
p-cresidine	120-71-8	ND	ND	---	---	30
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	ND	ND	---	---	30
4,4'-oxydianiline	101-80-4	ND	ND	---	---	30
4,4'-thiodianiline	139-65-1	ND	ND	---	---	30
o-toluidine	95-53-4	ND	ND	---	---	30
2,4-diaminotoluene	95-80-7	ND	ND	---	---	30
2,4,5-trimethylaniline	137-17-7	ND	ND	---	---	30
2-methoxyaniline	90-04-0	ND	ND	---	---	30
4-aminoazobenzene	60-09-3	ND	ND	---	---	30
Conclusion		PASS	PASS	---	---	



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Note:

mg/kg = Milligrams per kilogram

LT = Less than

ND = Not detected (Reporting Limit = 5 mg/kg)

Composite results are based on total mass of the composite test portion.

Remark:

In the case of levels per amine component less than or equal to 30 mg/kg, according to the analysis as carried out, azo colorants which can release one or more of certain listed amines by cleavage of their azo group/s were not detected in the commodity submitted.



DETAILED RESULTS:**Colour Fastness to Rubbing**

Test Method: ISO 105-X12: 2016, Size of rubbing finger: 16mm dia.

Specimen No.	5	---	---	---	---	Client's requirement
Items	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	Result (Grade)	
Dry staining	4-5	---	---	---	---	Min. 2-3
Wet staining	4-5	---	---	---	---	Min. 2-3
Conclusion	PASS	---	---	---	---	-

Remark: Grey Scale rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.



SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Brown synthetic leather	Logo
2	Black textile	Main body
3	Grey textile	Finger
4	Black elastic textile	Elastic
5	Thick tactile gloves	Finished product



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SAMPLE PHOTO:



-End Report-

