

Test Report No.: XMHG15010004370T Date: Feb. 3, 2015 Page 1 of 4

BELCULT SRL

VIA BRERA 2/23, 16123 GENOVA, ITALY

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : MICROFIBER PRINTED BEACH TOWEL

 SGS Ref No.
 : XMN15-000864

 P.O. / Ref. No.
 : 01826430991

 Buyer
 : BELCULT SRL

Supplier : YIWU YAXING WEAVING MILL CO., LTD

Country of Destination : ITALY

Sample Receiving Date : Jan. 27, 2015

Test Performing Date : Jan. 27, 2015 to Feb. 2, 2015

Test Performed : Selected test(s) as requested by applicant

Test Result(s) : For further details, please refer to the following page(s)

Test Requested	Result
Determination of Organostannic compounds contents in the submitted sample(s).	See Results
To determine the Nonylphenol (NP), Nonylphenol Ethoxylates (NPEOs) content(s) in the submitted sample(s).	See Results
Determination of Azodyes in the submitted sample(s) with reference to the Entry 43 of Regulation (EC) No. 552/2009 amending Annex XVII of REACH Regulation (EC) No. 1907/2006 (previously restricted under Directive 2002/61/EC).	PASS

Signed for and on behalf of Xiamen Brach, SGS-CSTC Co., Ltd.

Sharky Xia

Approved Signatory



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Test Report No.: XMHG15010004370T Date: Feb. 3, 2015 Page 2 of 4

Test Results:

Test Part Description:

Specimen No.	SGS Sample ID	Description
SN1	XMN15-000864.001	Multicolor print w/ white fabric
SN2	XMN15-000864.002	Black print w/ white fabric+ red print w/ white fabric+ sky blue print w/ white fabric
SN3	XMN15-000864.003	Beige,brown&dk-brown print w/ white fabric

Remarks:

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Organic-tin compounds

Test Method: With reference to ISO 17353: 2004, analysis was performed by GC-MS.

Test Item(s)	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Monobutyl tin (MBT)	mg/kg	0.02	ND
Dibutyl tin (DBT)	mg/kg	0.02	ND
Tributyl tin (TBT)	mg/kg	0.02	ND

Nonylphenol (NP), Nonylphenol Ethoxylates (NPEOs)

Test Method: With reference to US EPA Method 3550C:2007, analysis was performed by LC-MS.

Test Item(s)	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Nonylphenol ethoxylates (NPEOs)	mg/kg	1	ND
Nonylphenol(NP)	mg/kg	10	ND

Azo Dyes

Test Method: With reference to EN 14362-1: 2012, analysis was performed by GC-MS/HPLC-DAD.

Test Item(s)	CAS NO.	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>	<u>003</u>
4-Aminobiphenyl	92-67-1	30	mg/kg	5	ND	ND
Benzidine	92-87-5	30	mg/kg	5	ND	ND
4-chloro-o-toluidine	95-69-2	30	mg/kg	5	ND	ND



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Test Report	No.: XMHG1501000437OT		Date: Feb. 3, 2015			Page 3 of 4	
2-naphthylamine	91-59-8	30	mg/kg	5	ND	ND	
o-aminoazotoluene	97-56-3	30	mg/kg	5	ND	ND	
5-nitro-o-toluidine /	99-55-8	30	mg/kg	5	ND	ND	
2-Amino-4-nitrotoluene							
4-chloroaniline	106-47-8	30	mg/kg	5	ND	ND	
4-methoxy-m-phenylenediamine	615-05-4	30	mg/kg	5	ND	ND	
/ 2,4-Diaminoanisole							
4,4'-diaminodiphenylmethane	101-77-9	30	mg/kg	5	ND	ND	
3,3'-dichlorobenzidine	91-94-1	30	mg/kg	5	ND	ND	
3.3'-dimethoxybenzidine	119-90-4	30	mg/kg	5	ND	ND	
3,3'-dimethylbenzidine	119-93-7	30	mg/kg	5	ND	ND	
3,3'-Dimethyl-4,4'-diaminodiphe	838-88-0	30	mg/kg	5	ND	ND	
nylmethane /							
4,4'-methylenedi-o-toluidine							
p-cresidine	120-71-8	30	mg/kg	5	ND	ND	
4,4'-methylene-bis-	101-14-4	30	mg/kg	5	ND	ND	
(2-chloroaniline)							
4,4'-oxydianiline	101-80-4	30	mg/kg	5	ND	ND	
4,4'-thiodianiline	139-65-1	30	mg/kg	5	ND	ND	
o-toluidine	95-53-4	30	mg/kg	5	ND	ND	
4-methyl-m-phenylenediamine /	95-80-7	30	mg/kg	5	ND	ND	
2,4-Toluylendiamine							
2,4,5-trimethylaniline	137-17-7	30	mg/kg	5	ND	ND	
4-aminoazobenzene	60-09-3	30	mg/kg	5	ND	ND	
O-Anisidine	90-04-0	30	mg/kg	5	ND	ND	
Conclusion					PASS	PASS	

Notes:

- (1) Test specimen was taken randomly from the sample submitted by client/applicant.
- (2) Whenever 4-aminodiphenyl (CAS number 92-67-1), 2-naphylamine (CAS number 91-59-8) and 4methoxy-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.
- (3) 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-toluylendiamine (TDA, CAS number 95-80-7) are released from the PU component and not from a banned azo colorant.
- (4) 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.
- (5) Test was conducted on composite sample as per client's request and the test result is the overall result of a composite sample. Therefore, no references can be made to the result of each component in the composite sample.

Requirement : ≤ 30 mg/kg for each of aromatic amine according to Requirement of Entry 43 of Regulation (EC) No. 552/2009 amending Annex XVII of REACH Regulation (EC) No. 1907/2006 (previously restricted under Directive 2002/61/EC).



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Test Report No.: XMHG15010004370T Date: Feb. 3, 2015 Page 4 of 4

Sample photo(s):



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End of Report



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