

TEST REPORT

No.KE/2010/30073

Date : 2010/03/05

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SHANGHAI BUTYL LIMITED
NO.18, LANE 1399, XINFENG ROAD, XINCHANG TOWN,
NANHUI DISTRICT, SHANGHAI, CHINA

The following sample(s) was(were) submitted by the client as:

Report on the submitted sample said to be:

Sample Description : Thread Filling.
Amount Of Sample : One.
Buyer's Name / Division : adidas group.
Summary Of Test Result : **Pass**
Failure test items : ---.
Age Group : Adults.
Material Name/Code : Thread Filling.
Color Name/ Code : White.
Supplier Name : ShangHai Butyl Limited.
Country Of Origin : China.
Country Of Destination : ---.
Material Component : Polyester.
Sample Classification : Polyester textiles(400) .
Test Required Key code No. : Key code 400 under adidas A-01 Test Standard 2009 .
Report Type : Full Test (FT).
Full Test Report No.(Only for SC*/NT*/IT*/ST*) : ---.
P.O. No. : ---.
Additional Information : ---.
Sample Received Date : 2010/03/01.
Sample Tested Date : 2010/03/01 ~ 2010/03/05.

Note: (SC*)(NT*)(IT*)(ST*) mark the full test reports No. ; (RT) this application just for T1 shoes factory; (SI) it is for supplier only and will not acceptable for adidas.

Summary of Test Result : (Detail test results on next page)

Test Parameter	Test Method	Conclusion (Pass/Fail)
pH Value	Non-Leather: ISO 3071:2005	Pass
Formaldehyde	Non-Leather Material: Adults: DIN EN ISO 14184-1:1998 Non-Leather Material: Infants: JIS L 1041A	Pass
Extractable Heavy Metals	Extraction in acidic perspiration solution: DIN EN ISO 105 E04 in acid solution, Analysis by AAS/ICP: DIN EN 1483:2007 / DIN EN ISO 11885:2008	Pass

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Test Parameter	Test Method	Conclusion (Pass/Fail)
Azo-amines	EN 14362-2:2003 LFGB § 64 BVL B 82.02.9:2008	Pass
Nonylphenol (NP), Octylphenol (OP), Nonylphenol ethoxylate (NPEO)	Extraction in acetone, Analysis by LC-MS	Pass
Disperse Dyes and dyestuffs	DIN 54231:2005	Pass
Organotin Compounds	Pre-treatment: with methanolic buffer with carbamate Test method acc. to ISO 17353:2004	Pass



Jerry

Jerry Tung / Supervisor
Signed for and on behalf of
SGS Taiwan Limited

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Detail Test Results:

Test Parameter	Test Sample	TLV (Infants/Adult)		Detection Limit	Test Result
pH Value	(1)	4.0-7.5(Non-Leather)		N/A	7.2
Formaldehyde	(1)	Non-Leather: Infants:13ppm Adults:75ppm		13ppm	n.d.
Extractable Heavy Metals	(1)	<u>Infants</u>	<u>Adults</u>		
▪ Antimony		5ppm	10ppm	1.0ppm	n.d.
▪ Cadmium		0.1ppm	0.1ppm	0.1ppm	n.d.
▪ Chromium(total)		1ppm	2ppm	1.0ppm	n.d.
▪ Lead		0.2ppm	1ppm	0.2ppm	n.d.
▪ Mercury		0.02ppm	0.02ppm	0.02ppm	n.d.
Azo-Amines (Refer to Annex I)	(1)	20ppm		5ppm	n.d.
▪ Nonylphenol(NP),	(1)	100ppm for NP		50ppm	n.d.
▪ Octylphenol(OP),				50ppm	n.d.
▪ Nonylphenol ethoxylate(NPEO)		1000ppm total		50ppm	n.d.
Disperse Dyes and dyestuffs (Refer to Annex II)	(1)	50ppm		15ppm	n.d.
Organotin Compounds	(1)				
▪ Monobutyltin(MBT)		1ppm		0.02ppm	n.d.
▪ Dibutyltin(DBT)		1ppm		0.02ppm	n.d.
▪ Tributyltin(TBT)		0.05ppm		0.015ppm	n.d.
▪ Triphenyltin, TPHT		Infants(size 17-21 footwear):0.5ppm Adults:1ppm		0.02ppm	n.d.

Note : n.d. = Not Detected
 N/A = Not Applicable
 * = Exceed the TLV

Tested samples / components:
(1) White Thread Filling.

Annex I: List of Amines Substance of Azo-amines

Amines Substance

4-Aminodiphenyl(CAS-No. 92-67-1)
Benzidine(CAS-No. 92-87-5)
4-Chlor-o-Toluidine(CAS-No. 95-69-2)
2-Naphtylamine(CAS-No. 91-59-8)
o-Aminoazotoluene(CAS-No.97-56-3)
2-Amino-4-nitrotoluene(CA-No. 99-55-8)
p-Chloraniline(CAS-No. 106-47-8)
2,4-Diaminoanisole(CA-No. 615-05-4)
4,4'-Diaminodiphenylmethane(CAS-No.101-77-9)
3,3'-Dichlorbenzidine(CAS-No. 91-94-1)
3,3'-Dimethoxybenzidine(CAS-No. 119-90-4)
3,3'-Dimethylbenzidine(CAS-No. 119-93-7)

Amines Substance

3,3'-Dimethyl-4,4'-diaminodiphenylmethane(CAS-No. 838-88-0)
p-cresidine(CAS-No. 120-71-8)
4,4'-Methylen-bis(2-chloraniline)(CAS-No. 101-14-4)
4,4'-Oxydianiline(CAS-No.101-80-4)
4,4'-Thiodianiline(CAS-No.139-65-1)
o-Toluidine(CAS-No.95-53-4)
2-4-Toluyldiamine(CAS-No. 95-80-7)
2,4,5-Trimethylaniline(CAS-No. 137-17-7)
o-anisidine(CAS-No. 90-04-0)
4-aminoazobenzene(CAS-No. 60-09-3)
2,4-Xylidine(CAS-No. 95-68-1)
2,6-Xylidine(CAS-No. 87-62-7)

Annex II: List of Disperse Dyes and Dyestuffs

Disperse Dye(Allergen)

<u>Disperse Dye(Allergen)</u>	<u>CAS-No.</u>	<u>Structure Number</u>
Disperse Blue 1	2475-45-8	C.I. 64500
Disperse Blue 35	12222-75-2	
Disperse Blue 106	12223-01-7	
Disperse Blue 124	61951-51-7	
Disperse Orange 3	730-40-5	C.I. 11005
Disperse Orange 37/59/76	12223-33-5	
Disperse Red 1	2872-52-8	C.I. 11110
Disperse Yellow 3	2832-40-8	C.I. 11855
Disperse Yellow 23	6250-23-3	C.I. 26070
Disperse Orange 149	85136-74-9	

*** End of Report ***

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