



Chemical Laboratory - Kao.,SGS Taiwan Ltd.

TEST REPORT

No.KE/2014/62655

Date : 2014/07/02

Page 1 of 5

TAIXIANG RUBBER (SHEN ZHEN) CO., LTD.
LISONG LANG INDUSTRIAL AREA GONG MING
TOWN,SHENZHEN CITY,CHINA

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

Report on the submitted sample said to be:

Sample Description : Vulcapellet .
Amount Of Sample : One.
Buyer's Name / Division : Adidas Footwear .
Summary Of Test Result : Pass
Failure test items : ---.
Age Group : All ages.
Material Name/Code : VulcaMix ®Tio2-R80.
Color Name/ Code : White.
Supplier Name : Taixiang Rubber (Shen Zhen) Co., Ltd..
Country Of Origin : China.
Country Of Destination : ---.
Material Component : Vulcapellet .
Sample Classification : Rubber materials(201).
Test Required Key code No. : Key code 201 under adidas A-01 Test Standard 2013.
Report Type : Full Test (FT).
Full Test Report No.(Only for SC\*/NT\*/IT\*/ST\*) : ---.
P.O. No. : ---.
Additional Information : ---.
Sample Received Date : 2014/06/27.
Sample Tested Date : 2014/06/27 ~ 2014/07/02.
Sample Submitted By : TAIXIANG RUBBER (SHEN ZHEN) CO., LTD..

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)

Table with 3 columns: Test Parameter, Test Method, Conclusion (Pass/Fail). Rows include Extractable Heavy Metals, Total Cadmium, and Total Lead.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。

Test Parameter	Test Method	Conclusion (Pass/Fail)
Σ Phthalates	dichloromethane with ASE, Measurement with GC-MS	PASS
Organotin Compounds	Pre-treatment: with methanolic buffer with carbamate Test method acc. to ISO 17353:2004	PASS
Nonylphenol (NP), Octylphenol (OP), Nonylphenol ethoxylate (NPEO), Octylphenol ethoxylate (OPEO)	NP,OP: Extraction with dichloromethane, Analysis by LC-MS NPEO, OPEO: Extraction with methanol, Analysis by LC-MS	PASS
Σ of regulated Polycyclic Aromatic Hydrocarbons (PAHs) of high concern	ZEK 01.4-08	PASS
Σ of Polycyclic Aromatic Hydrocarbons (PAHs)	ZEK 01.4-08	PASS

## KE/2014/62655



*Jerry Tung*

**Jerry Tung / Asst. Manager**  
**Signed for and on behalf of**  
**SGS Taiwan Limited**

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。  
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

**Detail Test Results:**

Test Parameter	Test Sample	TLV (Infants/Adult)		Detection Limit	Test Result
		Infants	Adults		
Extractable Heavy Metals	(1)				
▪ Cadmium		0.1ppm	0.1ppm	0.1ppm	n.d.
▪ Chromium		1ppm	2ppm	1.0ppm	n.d.
▪ Lead		0.2ppm	1ppm	0.2ppm	n.d.
▪ Mercury		0.02ppm	0.02ppm	0.02ppm	n.d.
Total Cadmium	(1)	40ppm		5ppm	n.d.
Total Lead	(1)	40ppm		Coating:20ppm Others:5ppm	n.d.
Σ Phthalates	(1)	500ppm total		Refer to Annex I	n.d.
Organotin Compounds	(1)				
▪ Dibutyltin(DBT)		1ppm		0.02ppm	n.d.
▪ Tributyltin(TBT)		0.05ppm		0.02ppm	n.d.
▪ Triphenyltin, TPPhT		Infants(size ≤ 10,5 k UK footwear):0.5ppm Adults:1ppm		0.02ppm	n.d.
▪ Nonylphenol(NP), ▪ Octylphenol(OP), ▪ Nonylphenol ethoxylate(NPEO) ▪ Octylphenol ethoxylate (OPEO)	(1)	50ppm for NP, OP  500ppm total		50ppm 50ppm 50ppm 50ppm	n.d. n.d. n.d. n.d.
Σ of regulated Polycyclic Aromatic Hydrocarbons (PAHs) of high concern (Refer to Annex II)	(1)	1ppm total		0.2ppm(each)	n.d.
Σ of Polycyclic Aromatic Hydrocarbons (PAHs) (Refer to Annex III)	(1)	10ppm total		0.2ppm(each)	n.d.

Note : n.d. = Not Detected

\* = Exceed the TLV

Tested samples / components:

(1) White Vulcapellet .

*Annex I: List of Phthalates with Detection Limits*

<u>Phthalate</u>	<u>CAS-No.</u>	<u>Detection Limit</u>
Diisononylphthalate, DINP	28553-12-0	100ppm
Di-n-octylphthalate, DNOP	117-84-0	30ppm
Di(2-ethylhexyl)phthalate, DEHP	117-81-7	30ppm
Diisodecylphthalate, DIDP	26761-40-0	100ppm
Butylbenzylphthalate, BBP	85-68-7	30ppm
Dibutylphthalate, DBP	84-74-2	30ppm
Diisobutylphthalate, DIBP	84-69-5	30ppm
Di-C6-8-branched alkylphthalates, DIHP	71888-89-6	100ppm
Di-C711-branched alkylphthalates, DHNUP	68515-42-4	100ppm
Di-n-hexylphthalate, DHP	84-75-3	30ppm
Di-(2-methoxyethyl)-phthalate, DMEP	117-82-8	30ppm
Di-pentylphthalate, DPP	131-18-0	30ppm

*Annex II: List of regulated PAHs of high concern*

<u>PAHs</u>	<u>CAS-No.</u>
Benzo(a)anthracene(BaA)	56-55-3
Benzo(a)pyrene(BaP)	50-32-8
Benzo(b)fluoranthene(BbF)	205-99-2
Benzo[e]pyrene (BeP)	192-97-2
Benzo[j]fluoranthene (BjF)	205-82-3
Benzo(k)fluoranthene(BkF)	207-08-9
Chrysene(CHR)	218-01-9
Dibenzo(a,h)anthracene(DBA)	53-70-3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。  
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

*Annex III: List of PAHs*

<u>PAHs</u>	<u>CAS-No.</u>
Naphthalene(NAP)	91-20-3
Acenaphthylene(ANY)	208-96-8
Acenaphthene(ANA)	83-32-9
Fluorene(FLU)	86-73-7
Phenanthrene(PHE)	85-01-8
Anthracene(ANT)	120-12-7
Fluoranthene(FLT)	206-44-0
Pyrene(PYR)	129-00-0
Benzo[j]fluoranthene (BjF)	205-82-3
Benzo(a)anthracene(BaA)	56-55-3
Chrysene(CHR)	218-01-9
Benzo(b)fluoranthene(BbF)	205-99-2
Benzo(k)fluoranthene(BkF)	207-08-9
Benzo(a)pyrene(BaP)	50-32-8
Indeno(1,2,3-cd)pyrene(IPY)	193-39-5
Dibenzo(a,h)anthracene(DBA)	53-70-3
Benzo(g,h,i)perylene(BPE)	191-24-2
Benzo[e]pyrene (BeP)	192-97-2

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

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有說明，此報告結果僅對測試之樣品負責。本報告未經本公司書面許可，不可部分複製。  
 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.