



TEST REPORT

Report N°: L170611618_1

28/06/2017

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Folder n° : L170611618
Client request : L058-02-1706-0022
Received date : 21/06/2017
Analysis starting date : 21/06/2017
Analysis ending date : 28/06/2017
Batch number : No indication
Season : No indication
Supplier : 45074 ALOFT LDA
Submitting :

30477-SBTS SCHOOLING 100 PLAIN

Tests results:

<u>Tests</u>	<u>Sample details</u>	<u>Notes</u>
Alkylphenols	--	Pass
Azodyes (aromatic amines)	--	Pass
Formaldehyde	--	Pass
Mercury	--	Pass
Metals	--	Pass
Phtalates	--	Pass
Polycyclic Aromatic Hydrocarbon	--	Pass
Tin	--	No requirement
Various organic compounds	--	Pass

Approved by

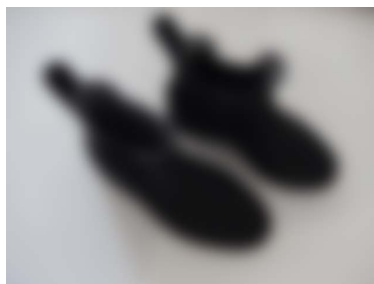
Nathalie HUMBERT
Vice Director Sampling and Testing Manager



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Sample description:

Milestone GO PROD

Age category: Junior

A: black elastic - skin contact

B: black upper & outsole with white lining textile (non separable- skin contact)

C: outsole black polymer

TEST ON : 30477 SBTS SCHOOLING 100 PLAIN/**Textile : A - Sample n° L170611618001**

	CAS n°	Method	Technique	Requirement	Unit	Result
Alkylphenols		CTC_C_MPO_25	LC/MS/MS			
Nonylphenols ethoxylates (NPO1E et NPO2E)				<100	mg/kg	<100
Octylphenols éthoxylates (OPO1E et OPO2E)				<100	mg/kg	<100
Azodyes (aromatic amines)		CTC_C_MPO_11 (selon EN 14362-1)	GC/MS/MS			
4,4'-diaminodiphenyl sulfide	139-65-1			<20	mg/kg	<5
4-chloroaniline	106-47-8			<20	mg/kg	<5
aminoazotoluene	97-56-3			<20	mg/kg	<5
2-amino-4-nitrotoluene	99-55-8			<20	mg/kg	<5
4,4'-diamino-3,3'-dimethyldiphenyl methane	838-88-0			<20	mg/kg	<5
4,4'-diaminophenylether	101-80-4			<20	mg/kg	<5
3,3'-dichlorobenzidine	91-94-1			<20	mg/kg	<5
Benzidine	92-87-5			<20	mg/kg	<5
24 dimethylaniline (xylydine)	95-68-1			<20	mg/kg	<5
26 dimethylaniline (xylydine)	87-62-7			<20	mg/kg	<5
4 amino azo benzene	60-09-3			<20	mg/kg	<5
2-naphtylamine	91-59-8			<20	mg/kg	<5
4,4'-methylene-bis(2-chloroaniline)	101-14-4			<20	mg/kg	<5
o-toluidine	95-53-4			<20	mg/kg	<5

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To declare the conformity to the requirement, the uncertainty of measurement, associated to the test results, has not been taken into account.

	CAS n°	Method	Technique	Requirement	Unit	Result
2-anisidine	90-04-0			<20	mg/kg	<5
2-methoxy-5-methylaniline (p-cresidine)	120-71-8			<20	mg/kg	<5
2,4,5-trimethylaniline	137-17-7			<20	mg/kg	<5
4-aminobiphenyl	92-67-1			<20	mg/kg	<5
bis(4-aminophenyl) methane	101-77-9			<20	mg/kg	<5
o-tolidine (3,3-dimethylbenzidine)	119-93-7			<20	mg/kg	<5
3,3'-dimethoxybenzidine	119-90-4			<20	mg/kg	<5
2,4-diaminoanisole	615-05-4			<20	mg/kg	<5
2,4-diaminotoluene	95-80-7			<20	mg/kg	<5
4-chloro-2-methylaniline	95-69-2			<20	mg/kg	<5
Formaldehyde		EN ISO 14184-1: 2011	Spectrométrie			
Formaldehyde	50-00-0			<75	mg/kg	<16
Metals		EN ISO 17072-2	ICP/AES			
Arsenic (As)	7440-38-2			<100	mg/kg	<25
Cadmium (Cd)	7440-43-9			<100	mg/kg	<25
Cobalt (Co)	7440-48-4			<300	mg/kg	<25
Chromium (Cr)	7440-47-3				mg/kg	<25
Nickel (Ni)	7440-02-0				mg/kg	<25
Lead (Pb)	7439-92-1			<90	mg/kg	<25
Antimony (Sb)	7440-36-0			<750	mg/kg	110
Tin (Sn)	7646-78-8				mg/kg	<10
Boron (B)	7440-42-8			<100	mg/kg	<100
Beryllium (Be)	7440-41-7				mg/kg	<25
(+) Mercury (Hg)	7439-97-6	EN ISO 17072-2	Spectrométrie de fluorescence atomique	<1	mg/kg	<0.025
Various organic compounds		CTC_C_MPO_07	GC/MS/MS			
Benzyl benzoate				<50	mg/kg	<5

Polymer + Textile : B - Sample n° L170611618002

	CAS n°	Method	Technique	Requirement	Unit	Result
Metals		EN ISO 17072-2	ICP/AES			
Arsenic (As)	7440-38-2			<100	mg/kg	<25
Cadmium (Cd)	7440-43-9			<100	mg/kg	<25
Cobalt (Co)	7440-48-4			<300	mg/kg	<25
Chromium (Cr)	7440-47-3				mg/kg	<25
Nickel (Ni)	7440-02-0				mg/kg	<25
Lead (Pb)	7439-92-1			<90	mg/kg	<25
Antimony (Sb)	7440-36-0			<750	mg/kg	<25
Boron (B)	7440-42-8			<100	mg/kg	<100

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	CAS n°	Method	Technique	Requirement	Unit	Result
Beryllium (Be)	7440-41-7				mg/kg	<25
Tin (Sn)	7646-78-8	Methode interne CTC	ICP/MS AGILENT		mg/kg	<0,100
(+) Mercury (Hg)	7439-97-6	EN ISO 17072-2	Spectrométrie de fluorescence atomique	<1	mg/kg	<0.025
(+) Polycyclic Aromatic Hydrocarbon		CTC_C_MPO_23 (selon CEN ISO TS 16190)	GC/MS/MS			
(+) Naphtalene	91-20-3				mg/kg	<0.10
(+) Acenaphtylene	208-96-8				mg/kg	<0.10
(+) Acenaphtene	83-32-9				mg/kg	<0.10
(+) Fluorene	86-73-7				mg/kg	<0.10
(+) Phenanthrene	85-01-8				mg/kg	<0.10
(+) Anthracene	120-12-7				mg/kg	<0.10
(+) Fluoranthene	206-44-0				mg/kg	<0.10
(+) Pyrene	129-00-0				mg/kg	<0.10
(+) Benzo (a) anthracene	56-55-3			<1	mg/kg	<0.10
(+) Chrysene	218-01-9			<1	mg/kg	<0.10
(+) Benzo (b) fluoranthene + Benzo (j) fluoranthene	205-99-2 / 205-82-3			<1	mg/kg	<0.20
(+) Benzo (k) fluoranthene	207-08-9			<1	mg/kg	<0.10
(+) Benzo (e) pyrene	192-97-2			<1	mg/kg	<0.10
(+) Benzo (a) pyrene	50-32-8			<1	mg/kg	<0.10
(+) Indeno (123cd) pyrene	193-39-5				mg/kg	<0.10
(+) Dibenzo (ah) anthracene	53-70-3			<1	mg/kg	<0.10
(+) Benzo (ghi) perylene	191-24-2				mg/kg	<0.10
Sum 18 PAH				<10	mg/kg	<2

Polymer + Textile : B - Sample n° L170611618003

	CAS n°	Method	Technique	Requirement	Unit	Result
Alkylphenols		CTC_C_MPO_25	LC/MS/MS			
Nonylphenols ethoxylates (NPO1E et NPO2E)				<100	mg/kg	<100
Octylphenols éthoxylates (OPO1E et OPO2E)				<100	mg/kg	<100
Formaldehyde		EN ISO 14184-1: 2011	Spectrométrie			
Formaldehyde	50-00-0			<75	mg/kg	<16
Various organic compounds		CTC_C_MPO_07	GC/MS/MS			
Benzyl benzoate				<50	mg/kg	<5

Polymer : B - Sample n° L170611618004

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	CAS n°	Method	Technique	Requirement	Unit	Result
(+) Phtalates		CTC_C_MPO_10 (selon CEN ISO TS 16181)	GC/MS			
(+) Dibutyl phtalate (DBP)	84-74-2			<250	mg/kg	<20
(+) Benzyl butyl phtalate (BBP)	85-68-7			<250	mg/kg	<20
(+) Di(2-ethylhexyl) phtalate (DEHP)	117-81-7			<250	mg/kg	<20
(+) Di n octyl phtalate (DNOP)	117-84-0			<250	mg/kg	<20
(+) Di iso nonylphtalate (DiNP)	28553-12-0			<250	mg/kg	<50
(+) Di iso decyl phtalate (DiDP)	26761-40-0			<250	mg/kg	<50
(+) Di iso butylphtalate (DiBP)	84-69-5			<250	mg/kg	<20

Textile : A - Sample n° L170611618005

	CAS n°	Method	Technique	Requirement	Unit	Result
(+) Phtalates		CTC_C_MPO_10 (selon CEN ISO TS 16181)	GC/MS			
(+) Dibutyl phtalate (DBP)	84-74-2			<250	mg/kg	<20
(+) Benzyl butyl phtalate (BBP)	85-68-7			<250	mg/kg	<20
(+) Di(2-ethylhexyl) phtalate (DEHP)	117-81-7			<250	mg/kg	<20
(+) Di n octyl phtalate (DNOP)	117-84-0			<250	mg/kg	<20
(+) Di iso nonylphtalate (DiNP)	28553-12-0			<250	mg/kg	<50
(+) Di iso decyl phtalate (DiDP)	26761-40-0			<250	mg/kg	<50
(+) Di iso butylphtalate (DiBP)	84-69-5			<250	mg/kg	<20

Polymer : C - Sample n° L170611618006

	CAS n°	Method	Technique	Requirement	Unit	Result
(+) Phtalates		CTC_C_MPO_10 (selon CEN ISO TS 16181)	GC/MS			
(+) Dibutyl phtalate (DBP)	84-74-2			<250	mg/kg	<20
(+) Benzyl butyl phtalate (BBP)	85-68-7			<250	mg/kg	<20
(+) Di(2-ethylhexyl) phtalate (DEHP)	117-81-7			<250	mg/kg	<20
(+) Di n octyl phtalate (DNOP)	117-84-0			<250	mg/kg	<20
(+) Di iso nonylphtalate (DiNP)	28553-12-0			<250	mg/kg	<50
(+) Di iso decyl phtalate (DiDP)	26761-40-0			<250	mg/kg	<50
(+) Di iso butylphtalate (DiBP)	84-69-5			<250	mg/kg	<20

Excepted if specified in the test method, leather samples prepared according to NF EN ISO 4044 are cut.

END OF TEST REPORT

(+) COFRAC accreditation

