



Send To: 3A240

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Facility: 3A241

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P.O. Box 49 Wendouree
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Australia

Result	PASS	Report Date	27-JUN-2013
Customer Name	Bluescope Bartlett Liners Pty. Ltd.		
Tested To	NSF/ANSI 61		
Description	Liner Industratex #1		
Trade Designation	Industratex #1		
Test Type	Annual Retest		
Job Number	J-00124442		
Project Number	9152252 (CL01, TE01)		
Project Manager	Susan Gauvin		

Thank you for having your product tested by NSF International.

Please contact your Project Manager if you have any questions or concerns pertaining to this report.

Report Authorization 
Amanda Phelka - Director, Toxicology Services

Date 27-JUN-2013



General Information

Standard: NSF/ANSI 61

DCC Number: PM06288

Lot Number: V52160.12

Physical Description of Sample: Liner

Trade Designation/Model Number: Industratex #1

Sample Id: **S-0000962967**
 Description: Sample exposed at 23C and pH 8
 Sampled Date: 05/05/2013
 Received Date: 04/26/2013

Normalization Information:

Date exposure completed:	05-MAY-2013	Calculated N1:	0.09	Field Exposure Time:	24 hours	Lab Exposure Time	24 hours
Field Surface Area:	3 in2	Lab Surface Area:	126 in2	Calculated N2:	1.00	Calculated N4:	1.000
				Constant N2:	1	Misc. Factor:	1
Field Static Volume:	1 L	Lab Static Volume:	3.82 L				
				Calculated NFm:	1.00		

Compound Reference Key: SPAC

Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab					
BASE/NEUTRAL/ACID EPA METHOD 625 Scan for Tentatively Identified Compour					
C3-benzene isomer MW=120	9	Complete	9	0.8	ug/L
Methyl pyrrolidinone	10	Complete	10	0.9	ug/L
Oxygen cmpd MW=>144	9	Complete	9	0.8	ug/L
Oxygen cmpd MW>143	5	Complete	5	0.5	ug/L
Oxygen cmpd MW>157 1	10	Complete	10	0.9	ug/L
Xylene isomer	5	Complete	5	0.5	ug/L
Oxygen cmpd MW>157 3	6	Complete	6	0.5	ug/L
Oxygen cmpd MW>157 4	8	Complete	8	0.7	ug/L
Oxygen cmpd MW>157 5	9	Complete	9	0.8	ug/L
Oxygen cmpd MW>157 6	10	Complete	10	0.9	ug/L
Oxygen cmpd MW>157 2	8	Complete	8	0.7	ug/L
Scan Control Complete	TRUE				
Semivolatile Compounds, Base/Neutral/Acid Target 625, Data Workup					
Pyridine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Nitrosodimethylamine (N-)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosomethylethylamine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
5-Methyl-2-hexanone (MIAK)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1-Methoxy-2-propanol acetate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Heptanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Cyclohexanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Nitrosodiethylamine (N-)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Isobutylisobutyrate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Aniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Phenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Di(chloroethyl) ether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L



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Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
2-Chlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,3-Benzofuran	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,3-Dichlorobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,4-Dichlorobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
3-Cyclohexene-1-carbonitrile	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Ethylhexanol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzyl alcohol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,2-Dichlorobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
bis(2-Chloroisopropyl)ether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Methylphenol (o-Cresol)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Methylaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Acetophenone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosodi-n-propylamine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosopyrrolidine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Methylphenol (p-Cresol)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Hexachloroethane	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Phenyl-2-propanol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosomorpholine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Nitrobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,6-Dimethylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Vinylpyrrolidinone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosopiperidine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Triethylphosphate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Isophorone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Nitrophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4-Dimethylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
bis(2-Chloroethoxy)methane	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4-Dichlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Trichlorobenzene (1,2,4-)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Naphthalene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Chloroaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,1,3,3,-Tetramethyl-2-thiourea	ND(4)	ND(4)	ND(4)	ND(0.4)	ug/L
Hexachlorobutadiene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzothiazole	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
N-Nitrosodi-n-butylamine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Chloro-3-methylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
p-tert-Butylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Ethylhexyl glycidyl ether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,6-Di-t-butyl-4-methylphenol(BHT)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Methylnaphthalene, 2-	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzyl alcohol, a,a-dimethyl-p-isopropyl-	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Cyclododecane	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4,5-Trichlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4,6-trichlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L



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Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
1(3H)-Isobenzofuranone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Chloronaphthalene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2-Nitroaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,1'-(1,3-Phenylene)bis ethanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,6-Di-tert-butylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dimethylphthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
1,1'-(1,4-Phenylene)bis ethanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Acenaphthylene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzenedimethanol, a,a,a',a'-tetramethyl-1,3-	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,6-Dinitrotoluene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4-Dinitrotoluene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzenedimethanol, a,a,a',a'-Tetramethyl-1,4-	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
2,4-Di-tert-butylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dimethyl terephthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Acenaphthene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dibenzofuran	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Ethyl-4-ethoxybenzoate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Nitrophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Cyclododecanone	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Diethyl Phthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
p-tert-Octylphenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Fluorene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Chlorophenylphenylether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
3-Nitroaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Nitroaniline	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Nitrosodiphenylamine (N-)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Azobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
4-Bromophenylphenylether	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Hexachlorobenzene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Pentachlorophenol	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Phenanthrene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Anthracene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Diisobutyl phthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dibutyl phthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Hydroxymethylphenylbenzotriazole	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Fluoranthene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Pyrene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Butyl benzyl phthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Di(2-ethylhexyl)adipate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
3,3-Dichlorobenzidine	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzo(a)anthracene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Di(2-ethylhexyl)phthalate	6	ND(2)	6	0.5	ug/L
Chrysene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Di-n-octylphthalate	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L



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Testing Parameter	Sample	Control	Result	Normalized Result	Units
Chemistry Lab (Continued)					
Benzo(b)fluoranthene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzo(k)fluoranthene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzo(a)Pyrene (PAH)	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Dibenzo(a,h)anthracene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Indeno(1,2,3-cd)pyrene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L
Benzo(g,h,i)perylene	ND(2)	ND(2)	ND(2)	ND(0.2)	ug/L



Job Notes:

This report replaces previously issued report with serial# FI20130517143600. This report is being re-issued due to a surface area restriction. The final report status has changed to Pass.



Testing Laboratories:

	Id	Address
All work performed at: →	NSF_AA	NSF International 789 N. Dixboro Road Ann Arbor MI 48105

References to Testing Procedures:

NSF Reference	Parameter / Test Description
C2023	BASE/NEUTRAL/ACID EPA METHOD 625 Scan for Tentatively Identified Compounds (TICs)
C2024	Semivolatle Compounds, Base/Neutral/Acid Target 625, Data Workup

Test descriptions preceded by an asterisk "*" indicate that testing has been performed per NSF International requirements but is not within its scope of accreditation.