

# ANALYTICAL INDUSTRIAL RESEARCH LABORATORIES, INC.

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*North Carolina Certification# 340  
Tennessee Certification# 02034  
LELAP #AI85697*

## Lab Report 215011

7543  
Sportexe Construction Services  
Attention: Phil Stricklen  
197 Boling Industrial Way  
Calhoun, GA 30701

*Date Received* 10/31/2008  
*Date Sampled* 10/31/2008  
*Date Requested* 11/ 7/2008  
*Rush Status* ASAP  
*Phone* (706) 624-9680  
*Extension* 311  
 *Fax* (706) 624-9674  
*PO#*

### Sample Information

10-20 Mesh Ambiently Ground SBR  
Sportexe S8084

<i>Lab Report</i>	<i>215011</i>	<i>Result</i>	<i>MDL</i>	<i>MCL</i>	<i>Method</i>	<i>Date</i>	<i>Time</i>	<i>Analyst</i>
<i>Semi-Volatiles 8270</i>								
	1,2,4-Trichlorobenzene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	1,2-Dichlorobenzene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	1,3-Dichlorobenzene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	1,4-Dichlorobenzene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2,4,5-Trichlorophenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2,4,6-Trichlorophenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2,4-Dichlorophenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2,4-Dimethylphenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2,4-Dinitrophenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2,4-Dinitrotoluene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2,6-Dinitrotoluene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2-Chloronaphthalene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2-Chlorophenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2-Methyl-4,6-dinitrophenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2-Methylnaphthalene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2-Methylphenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2-Nitroaniline	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	2-Nitrophenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	3,3'-Dichlorobenzidine	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	3-methyl, 4-chlorophenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	3-Nitroaniline	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	4-Bromophenyl phenyl ether	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	4-Chloroaniline	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	4-Chlorophenyl phenyl ether	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	4-Methylphenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	4-Nitroaniline	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	4-Nitrophenol	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Acenaphthene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Acenaphthylene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Anthracene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Azobenzene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Benzidine	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Benzo(a)anthracene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Benzo(a)pyrene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Benzo(b)fluoranthene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Benzo(g,h,i)perylene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP
	Benzo(k)fluoranthene	< 1333 ug/Kg	1333		8270	11/5/2008	0:40	RRP

**Semi-Volatiles 8270**

Benzoic acid	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Benzyl alcohol	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Bis (2-chloroethoxy) methane	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Bis (2-chloroethyl) ether	3861	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Bis (2-chloroisopropyl) ether	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Bis (2-ethylhexyl) phthalate	9179	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Butyl benzyl phthalate	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Chrysene	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
di-n-Butyl phthalate	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
di-n-Octylphthalate	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Dibenz(a,h)anthracene	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Dibenzofuran	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Diethyl phthalate	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Dimethylphthalate	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Fluoranthene	5061	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Fluorene	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Hexachlorobenzene	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Hexachlorobutadiene	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Hexachlorocyclopentadiene	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Hexachloroethane	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Indeno(1,2,3-cd)pyrene	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Isophorone	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
N-Nitroso-di-n-propylamine	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
N-Nitrosodimethylamine	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
N-Nitrosodiphenylamine	8648	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Naphthalene	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Nitrobenzene	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Pentachlorophenol	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Phenanthrene	1864	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Phenol	< 1333	ug/Kg	1333	8270	11/5/2008	0:40	RRP
Pyrene	18517	ug/Kg	1333	8270	11/5/2008	0:40	RRP

*Matrix Interference*

**TCLP Mercury (Hg)**

TCLP Mercury (Hg)	< 0.2	mg/L	0.2	7470A	11/5/2008	8:35	ADW
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**TCLP Metals**

TCLP Arsenic (As)	< 0.5	mg/L	0.5	6010B	11/4/2008	11:08	IFH
TCLP Barium (Ba)	< 5	mg/L	5	6010B	11/4/2008	11:08	IFH
TCLP Cadmium (Cd)	< 0.1	mg/L	0.1	6010B	11/4/2008	11:08	IFH
TCLP Chromium (Cr)	< 0.5	mg/L	0.5	6010B	11/4/2008	11:08	IFH
TCLP Lead (Pb)	< 0.5	mg/L	0.5	6010B	11/4/2008	11:08	IFH
TCLP Selenium (Se)	< 0.1	mg/L	0.1	6010B	11/4/2008	11:08	IFH
TCLP Silver (Ag)	< 0.5	mg/L	0.5	6010B	11/4/2008	11:08	IFH

**Volatiles 8260**

1,1,1,2-Tetrachloroethane	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,1,1-Trichloroethane	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,1,2,2-Tetrachloroethane	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,1,2-Trichloroethane	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,1-Dichloroethane	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,1-Dichloroethene	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,1-Dichloropropene	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,2,3-Trichlorobenzene	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,2,3-Trichloropropane	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,2,4-Trichlorobenzene	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,2,4-Trimethylbenzene	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,2-Dibromo-3-Chloropropane (DBCP)	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,2-Dibromoethane (EDB)	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,2-Dichlorobenzene	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,2-Dichloroethane	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS
1,2-Dichloroethene (Total)	< 1250	ug/Kg	1250	8260B	11/7/2008	9:39	ETS

<i>Lab Report</i>	<i>215011</i>	<i>Result</i>	<i>MDL</i>	<i>MCL</i>	<i>Method</i>	<i>Date</i>	<i>Time</i>	<i>Analyst</i>
<b><i>Volatiles 8260</i></b>								
1,2-Dichloropropane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
1,3,5-Trimethylbenzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
1,3-Dichlorobenzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
1,3-Dichloropropane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
1,4-Dichlorobenzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
2,2-Dichloropropane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
2-Butanone	1728	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
2-Chlorotoluene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
2-Hexanone	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
4-Chlorotoluene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
4-Methyl-2-pentanone (MIBK)	4000	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Acetone	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Benzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Bromobenzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Bromochloromethane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Bromodichloromethane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Bromoform	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Bromomethane	5100	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Carbon Disulfide	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Carbon Tetrachloride	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Chlorobenzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Chloroethane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Chloroform	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Chloromethane	4750	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
cis-1,3-Dichloropropene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Dibromochloromethane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Dibromomethane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Dichlorodifluoromethane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Ethyl benzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Hexachlorobutadiene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Isopropyl benzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Methylene Chloride	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
n-Butylbenzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
n-Propylbenzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Naphthalene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
p-Isopropyltoluene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
sec-Butylbenzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Styrene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
tert-Butylbenzene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Tetrachloroethene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Toluene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Total Xylenes	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
trans-1,3-Dichloropropene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Trichloroethene	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Trichlorofluoromethane	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Vinyl Acetate	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS
Vinyl Chloride	< 1250	ug/Kg	1250		8260B	11/7/2008	9:39	ETS

*Elevated MDL's due to sample matrix*

QA/QC Procedures required by the Method(s) were followed unless otherwise noted. Performance and acceptance standards for required QA/QC procedures were achieved unless otherwise noted. No significant modifications have been made to the Method(s). I attest that, based upon my inquiry of those individuals immediately responsible for reviewing the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of this laboratory. The laboratory retains sole ownership of data until full reimbursement has been made.

***Report approved by:*** \_\_\_\_\_