

<u>Parameter</u>	<u>RL</u>	<u>Sample Ident</u>	
Organic Outgassing at 100 degree C for 30 min by Dynamic Headspace TD-GC-MS			
		CONTROL INSTRUMENT BLANK	ESD MAT TWO LAYERS
<i>Units: ppmw</i>			
Low boilers C7-C10	0.2	*	1.6
Medium boilers >C10-C20	0.2	*	141.9
High boilers >C20	0.2	*	64.4
Sum >= C7	0.2	*	207.9
Semiquantitated levels of the identified organic compounds			
<i>Units: ppmw</i>			
Ethylene glycol	0.2	*	0.5
Heptanone	0.2	*	*
Styrene	0.2	*	*
Ethylhexanoic acid	0.2	*	8.2
1-(2-Butoxyethoxy)ethanol	0.2	*	*
Benzothiazole	0.2	*	2.3
Possible Triethoxy chloropropyl silane	0.2	*	0.8
Diisopropyl adipate	0.2	*	*
Trimethyl dihydroquinoline	0.2	*	6.5
Triethylene glycol butyl ether	0.2	*	*
Di-tert-butyl phenol	0.2	*	12.0
TXIB	0.2	*	*
Tri-tert-butyl phenol	0.2	*	2.1
Tri-tert-butyl benzene isomers	0.2	*	14.4
Isopropyl myristate	0.2	*	*
Dioctylphthalate (DOP)	0.2	*	4.6
Alkyl ethers	0.2	*	*
Alkyl esters	0.2	*	*
Alkyl phenols	0.2	*	9.9
Alkyl benzene isomers	0.2	*	18.6
C10-C17 hydrocarbons	0.2	*	6.9

This report, including any attachments, has been reviewed and approved by:

Stephen O'Neil

Laboratory Director

These results were obtained by following standard laboratory procedures and are only representative of the samples as received by the laboratory. The liability of AIR LIQUIDE - BALAZS ANALYTICAL SERVICES ("Balazs") shall not exceed the amount paid for this report. In no event shall Balazs be liable for special or consequential damages. Client agrees not to use Balazs' name in reporting results obtained from tests performed by Balazs without first obtaining Balazs written consent as to such use. Report shall not be reproduced except in full, without the written approval of Balazs.

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Parameter	RL	Sample Identification / Site	
Organics from Full Wafer by TD-GC-MS, SEMI MF 1982-1103 Method-B (Formerly ASTM F1982-99)			
		CONTROL INSTRUMENT BLANK	ESD WHITE RUBBER ONE LAYER
Total Organics by boiling range			
Units: ng/cm2			
Low boilers C7-C10	0.2	*	1.7
Medium boilers >C10-C20	0.2	*	12.9
High boilers >C20	0.2	*	4.8
Sum >= C7	0.2	*	19.4
Semiquantitated levels of the identified organic compounds			
Units: ng/cm2			
Ethylene glycol	0.2	*	*
Heptanone	0.2	*	*
Styrene	0.2	*	*
Ethylhexanoic acid	0.2	*	0.6
1-(2-Butoxyethoxy)ethanol	0.2	*	*
Benzothiazole	0.2	*	*
Possible Triethoxy chloropropyl silane	0.2	*	0.6
Diisopropyl adipate	0.2	*	0.3
Trimethyl dihydroquinoline	0.2	*	*
Triethylene glycol butyl ether	0.2	*	1.7
Di-tert-butyl phenol	0.2	*	*
TXIB	0.2	*	1.1
Tri-tert-butyl phenol	0.2	*	*
Tri-tert-butyl benzene isomers	0.2	*	*
Isopropyl myristate	0.2	*	*
Diocetylphthalate (DOP)	0.2	*	*
Alkyl ethers	0.2	*	0.7
Alkyl esters	0.2	*	1.3
Alkyl phenols	0.2	*	0.7
Alkyl benzene isomers	0.2	*	0.2
C10-C17 hydrocarbons	0.2	*	*

* = Analysis revealed that the analyte was not found at or above the reporting limit. RL = Reporting Limit

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Stephen O'Neil

Laboratory Director

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LABORATORY REPORT

Mr Lenard Cohen
Static Solutions, Inc.
43 Broad Street
Hudson, MA 01749

Report Date: 07/28/05

SAMPLE ID	LAB ID	ANALYSIS	RESULT(S)	
ULTIMAT RUBBER	W-7257	Lead	6.4	ppm
		Chromium	12	ppm
		Mercury	0.012	ppm
		Cadmium	< 0.05	ppm
		Bromine	< 20	ppm

Authorized Release of Data


Debbie S. Robertson, Production Coordinator

DSR:yb

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LABORATORY REPORT

Mr Lenard Cohen
Static Solutions, Inc.
43 Broad Street
Hudson, MA 01749

Report Date: 07/28/05

SAMPLE ID	LAB ID	ANALYSIS	RESULT(S)		MATRIX SPIKE RECOVERY	
ULTIMAT RUBBER- White	W-7258	Lead	4.3	ppm		
		Chromium	22	ppm		
		Mercury	0.006	ppm	89	%
		Cadmium	1.5	ppm		
		Bromine	< 20	ppm	107.8	%

Authorized Release of Data


Debbie S. Robertson, Production Coordinator