Duke | NICHOLAS SCHOOL OF THE ENVIRONMENT

January 28, 2015

[redacted]

Thank you for participating in the Duke University Superfund Research Center's study. We have tested your foam sample for the presence or absence of seven different types of flame retardant chemicals that are commonly applied to residential furniture. If you submitted multiple samples, you may receive a separate email for each sample.

If we detected flame retardants in one or more of your foam samples, that means that the concentration of that flame retardant in the foam was greater than 1% by weight. Please keep in mind that a **"None Identified"** result does not necessarily mean that this sample is free of all flame retardants. There may be flame retardants for which we are not currently screening or which are present at less than 1% by weight.

RESULTS

ID	Product	Manu-facturer	PentaBDE	FM550	FM600	TCPP	TDCPP	TBPP	MPP	V6	None Identified
664	Child car seat	Orbit					✓				
665 a	Child car seat	Nuna									✓
665 b	Child car seat	Nuna									✓

Attached to this letter you will find some additional information on the specific flame retardant chemicals we tested for in your foam. Additionally, you can find tips on how to reduce your exposure to flame retardants by visiting the resources page on our website (foam.pratt.duke.edu). We have the capacity to test for 7 known types of flame retardant chemicals, but there may be new formulations on the market that we cannot test for at this time.

Please feel free to contact me with any questions.

Best,

Heather Stapleton

Heather Stapleton, Ph.D.
Associate Professor of Environmental Chemistry
Nicholas School of the Environment
LSRC, Box 90328
Durham, NC 27708

Duke UNIVERSITY

Duke University provides this information to the public as a service. The content of our website, publications, and correspondence should not be considered advice or endorsement and is for informational purposes only. As a scientific institute, we strive for accuracy; however, occasional errors are unavoidable. Duke University is not responsible for decisions made based on information we provide.

SRP Superfund Research Program

Duke | NICHOLAS SCHOOL OF THE ENVIRONMENT

July 8, 2014

[redacted]

Thank you for participating in the Duke University Superfund Research Center's study. We have tested your foam sample for the presence or absence of seven different types of flame retardant chemicals that are commonly applied to residential furniture. If you submitted multiple samples, you may receive a separate email for each sample.

RESULTS

Sample number: 311a
Product type: Child car seat
Brand: Orbit Baby
Result: We detected TDCPP in this sample.

Sample number: 311b
Product type: Child car seat
Brand: Orbit Baby
Result: No flame retardants detected.

Sample number: 387
Product type: Sofa
Brand: Unknown
Result: We detected PentaBDE in this sample.

Attached to this letter you will find some additional information on the specific flame retardant chemicals we tested for in your foam. Additionally, you can find tips on how to reduce your exposure to flame retardants by visiting the resources page on our website (foam.pratt.duke.edu). Please keep in mind that a **"No flame retardants detected"** result does not necessarily mean that this sample is free of all flame retardants. We have the capacity to test for 7 known types of flame retardant chemicals, but there may be new formulations on the market that we cannot test for at this time.

Please feel free to contact me with any questions.

Best,

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Duke UNIVERSITY

SRP Superfund Research Program

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

September 11, 2014

[redacted]

Analytical Report for STAT Work Order: 14081076 Revision 0

RE: Orbit Baby 62'Foam

Dear [redacted]

STAT Analysis received 1 sample for the referenced project on 8/28/2014 9:51:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at [redacted]

Sincerely,

Craig Chawla
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone.This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

STAT **Analysis Corporation**

Date: September 11, 2014

Client:
Project: Orbit Baby 62 Foam
Work Order: 14081076 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
14081076-001A	Orbit Baby 62 Foam			8/28/2014

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditations:IEPA ELAP 100445;ORELAP IL300001;AIHA-LAP, LLC 101160;NVLAP LabCode 101202-0

Report Date: September 11, 2014
Print Date: September 11, 2014

ANALYTICAL RESULTS

Client: [redacted]
Work Order: 14081076 Revision 0
Project: Orbit Baby 62 Foam
Lab ID: 14081076-001A

Client Sample ID: Orbit Baby 62 Foam
Tag Number:
Collection Date:
Matrix: Product

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Flame Retardants	**SW8270C (SW3545)**			Prep Date: **9/3/2014**		Analyst: **DM**
Tris(1,3-Dichloro-2-propyl) phosphate	48000	2200	*	mg/Kg	10	9/9/2014
Tris(2,3-dibromopropyl)phosphate	ND	220	*	mg/Kg	1	9/9/2014
Tris(2-Chloroethyl) phosphate	ND	220	*	mg/Kg	1	9/9/2014
Tris(2-Chloroisopropyl) phosphate	5700	220	*	mg/Kg	1	9/9/2014

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 W. Harrison Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com

CHAIN OF CUSTODY RECORD

No: Page : of

Company: [redacted]
Project Number: Client Tracking No.:
Project Name:
Project Location: [redacted]
Sampler(s): ORBIT BABY 62 FOAM
Report To: [redacted] Phone: [redacted]
Fax:
QC Level: 1 ____ 2 ____ 3 ____ 4 ____ e-mail: [redacted]

P.O. No.:
Quote No.:

Turn Around:
Results Needed:
/ / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	Remarks	Lab No.:
ORBIT BABY 62 FOAM									60

Relinquished by: (Signature) [redacted] Date/Time: 8/25/2014
Received by: (Signature) FEDEX Date/Time: 08/25/2014 1701
Relinquished by: (Signature) FEDEX Date/Time: 08/28/2014 0951
Received by: (Signature) Date/Time: 08/28/2014 0951
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments: PLEASE CHECK/TEST FOR FLAME RETARDANTS

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 1408107G

Received on Ice: Yes [ ] No [X]
Temperature: AMB °C

Duke | NICHOLAS SCHOOL OF THE ENVIRONMENT

June 19, 2014

Dear [redacted]

Thank you for participating in the Duke University Superfund Research Center's study. We have tested your foam sample for the presence or absence of seven different types of flame retardant chemicals that are commonly applied to residential furniture. If you submitted multiple samples, you may receive a separate email for each sample.

RESULTS

Sample number: 313
Product type: Child car seat
Brand: Orbit
Result: We detected TDCPP in this sample.

Sample number: 314
Product type: Child car seat
Brand: Orbit
Result: No flame retardants were detected in this sample.

Sample number: 315
Product type: Sofa
Brand: La-Z-Boy
Result: We detected Firemaster 550 in this sample.

Sample number: 316
Product type: Sofa
Brand: Raymour and Flanagan
Result: No flame retardants were detected in this sample.

Attached to this letter you will find some additional information on the specific flame retardant chemicals we tested for in your foam. Additionally, you can find tips on how to reduce your exposure to flame retardants by visiting the resources page on our website (foam.pratt.duke.edu). Please keep in mind that a **"No flame retardants detected"** result does not necessarily mean that this sample is free of all flame retardants. We have the capacity to test for 7 known types of flame retardant chemicals, but there may be new formulations on the market that we cannot test for at this time. Please feel free to contact me with any questions.

Best,

Heather Stapleton

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SRP Superfund Research Program

Duke | NICHOLAS SCHOOL OF THE ENVIRONMENT

May 20, 2014

Dear [redacted]

Thank you for participating in the Duke University Superfund Research Center's study. We have tested your foam sample for the presence or absence of seven different types of flame retardant chemicals that are commonly applied to residential furniture. If you submitted multiple samples, you may receive a separate email for each sample.

RESULTS

Sample number: 265
Product type: Master bed
Brand: Unknown
Result: We detected TDCPP in this sample.

Sample number: 266
Product type: Carpet pad
Brand: Unknown
Result: We detected TCPP and TDCPP in this sample.

Sample number: 267
Product type: Child car seat
Brand: Orbit
Result: We detected TDCPP in this sample.

Attached to this letter you will find some additional information on the specific flame retardant chemicals we tested for in your foam. Additionally, you can find tips on how to reduce your exposure to flame retardants by visiting the resources page on our website (foam.pratt.duke.edu). We have the capacity to test for 7 known types of flame retardant chemicals, but there may be new formulations on the market that we cannot test for at this time.

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