



Test Report

No. 4417106TX-01

Date: January 17, 2019

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ARTSANA USA
1826 William Penn Way
Lancaster, PA, 17601

Attn: Clair Arsenault

The following sample was submitted and identified by applicant as:

Sample Description	:	(1 Item of) Black Non-Woven Backing Fabric
Buyer Name	:	Not Provided
Style No.	:	TNT 70 GR / M2 H160 (UV) White
Order No. / PO #	:	Not Provided
Model No.	:	10301607030
Color	:	White
End Use	:	Backing Material
Age Range	:	Birth to 36 Months
Country of Origin	:	Not Provided
Country of Destination	:	USA
Fiber Content	:	PP
Applicant's submitted Care Instructions	:	Not Provided
Sample Receiving Date	:	January 08, 2019
Test Performance Period	:	January 09 – 17, 2019
Tests Performed	:	Selected test(s) as requested by the applicant.
Test Results	:	Please refer to the following page(s).

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Conclusions:

<u>Test</u>	<u>Rating</u>	<u>Remarks</u>
Flammability(FMVSS)	M	
Flammability	M	
Standard Consumer Safety Specification for Toy Safety, ASTM F963-17 Clause 4.3.5	--	
a) Total lead in substrate material	M	
b) Soluble heavy metals in substrate material	M	
CPSIA Section 101(a)(2) – Lead in Accessible Substrate Materials	M	
US California Proposition 65 – Lead Content	M	

Key:

- M = Meets specified or general requirement
- F = Fails to meet specified or general requirement
- S = Satisfactory
- U = Unsatisfactory
- # = No specified requirement

Signed for and on behalf of
SGS North America Inc.



Prashanthi Alapati
Supervisor – Textile Laboratory



Carlos Juarez
Manager – Textile Laboratory

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Test Result(s):

Flammability Test of Interior Materials

49 CFR 571.302 – (FMVSS 302) – October, 2017

Sample: #52233

<u>Burn Time (seconds)</u>		<u>Burn Distance (mm)</u>		<u>Burn Rate (mm/min)</u>		<u>Burn Code</u>		<u>Specimen Rating</u>	
<u>Length</u>	<u>Width</u>	<u>Length</u>	<u>Width</u>	<u>Length</u>	<u>Width</u>	<u>Length</u>	<u>Width</u>	<u>Length</u>	<u>Width</u>
--	--	--	--	--	--	SE/NBR	SE/0	PASS	PASS
--	--	--	--	--	--	SE/0	SE/0	PASS	PASS
--	--	--	--	--	--	SE/0	SE/0	PASS	PASS
--	--	--	--	--	--	SE/NBR	SE/NBR	PASS	PASS
--	--	--	--	--	--	SE/0	SE/0	PASS	PASS
Average:				--	--				

Code Description:		
DNI	=	Does Not Ignite
SE/0	=	Self Extinguishing-Specimen ignited but self extinguished itself before reaching the first scribed line
SE/NBR	=	Self Extinguishing/No Burn Rate – Specimen stopped burning before 60 seconds and burned less than 51 mm from the point where timing was started.
SE/B	=	Self Extinguishing / Burn Rate – Specimen ignited, the flame progressed beyond the first scribed line but self extinguished prior to reach the second scribed line.
B	=	The material burns the full 254mm
RB	=	Rapid Burn – The material transmits a flame across the surface more than 51mm beyond the first scribed line at a rate too fast to measure accurately

Requirements:

The material shall not burn or transmit a flame front across its surface, at a rate of more than 102 mm per minute. However, if a material stops burning before it has burned for 60 seconds from the start of timing and has not burned more than 51 mm from the point where timing was started, it shall be considered to meet this requirement.

Conclusion:

The submitted sample **meets** the requirement of the Department of Transportation Motor Vehicle Safety Standard 302 "Flammability Test of Interior Materials".

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Flammability of Clothing Textiles

16 CFR Part 1610 – 10/20/2008 (Amended)
(Plain Surface Textiles)

Rate of burning (seconds)

Original State				After Drycleaning & Laundering**			
1	IBE	6	/	1	13.7	6	/
2	IBE	7	/	2	IBE	7	/
3	17.2	8	/	3	15.1	8	/
4	IBE	9	/	4	IBE	9	/
5	IBE	10	/	5	IBE	10	/
Average: 17.2				Average: 14.4			

Requirements for Plain Surface Textiles:

Class 1	Normal Flammability – 3.5 seconds or > (Pass)
Class 2	N/A (for raised-fiber surface textiles only)
Class 3	Rapid and Intense Burning - < 3.5 seconds (Fail)

Code Description for Plain Surface Textiles:

DNI:	Did Not Ignite
IBE	Ignited but Extinguished
IBE	Ignited but Extinguished, the asterisk () denotes a burn that goes under the cord without breaking the cord

** per 16 CFR 1610.6 (b)(1)(i) & (ii)

Conclusion: The submitted sample was found to **meet** the requirements of 16 CFR Part 1610 – 10/20/2008 edition and is rated as **Class 1 Normal Flammability**

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Standard Consumer Safety Specification for Toy Safety, ASTM F963-17 Clause 4.3.5

a) Total lead in substrate material

Method (non-metallic materials): CPSC Test Method: CPSC-CH-E1002-08.1 'Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product'
 Method (metal materials): CPSC Test Method: CPSC-CH-E1001-08.1 'Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)'

Test Item	Result (ppm)	Reporting Limit (ppm)	Limit (ppm)
	1		
Lead (Pb)	ND	20	100
Comment	PASS	--	--

Sample Description:

1. White Backing

- Note :
1. ppm = parts per million
 2. 1% = 10000 mg/kg
 3. ND = Not Detected

b) Soluble heavy metals in substrate material

Method : With reference to ASTM F963-17 Clause 8.3.1 – Total Element Content Screening (CPSC-CH-E1002-08.1). Analysis was performed by ICP-MS and/or ICP-OES.

Test Item	Result (ppm)	Reporting Limit (ppm)	Soluble Limit (ppm)
	1		
Total Lead (Pb)	ND	20	90
Total Antimony (Sb)	ND	20	60
Total Arsenic (As)	ND	20	25
Total Barium (Ba)	ND	100	1000
Total Cadmium (Cd)	ND	20	75
Total Chromium (Cr)	ND	20	60
Total Mercury (Hg)	ND	20	60
Total Selenium (Se)	ND	20	500
Conclusion	PASS	--	--

Sample Description:

1. White Backing

- Note :
1. ppm = parts per million
 2. ND = Not Detected

Remark : The above total heavy metals contents of the submitted samples were within their corresponding soluble limits; hence no additional soluble analysis was performed in accordance with ASTM F963-17 Clause 8.3.5.

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CPSIA Section 101(a)(2) – Lead in Accessible Substrate Materials

Method (non-metallic materials): CPSC Test Method: CPSC-CH-E1002-08.1 ‘Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product’

Method (metal materials): CPSC Test Method:CPSC-CH-E1001-08.1 ‘Standard Operating Procedure for Determining Total Lead (Pb) in Children’s Metal Products (Including Children’s Metal Jewelry)’

Test Item	Result (ppm)	Reporting Limit (ppm)	Permissible Limit (ppm)**
	1		
Lead (Pb)	ND	20	100
Conclusion	PASS	--	--

** Limit applies to a children’s product manufactured after 14 August 2011 (Public Law 112-28 (HR 2715, 112th Congress) amending CPSIA)

Sample Description:

1. White Backing

- Note :
1. ppm = parts per million
 2. 1% = 10000 mg/kg
 3. ND = Not Detected

US California Proposition 65– Lead Content

Substrates:

Test Method: With reference to CPSC Test Method: CPSC-CH-E1002-08.1 (for non-metal materials) and CPSC-CH-E1001-08.1 (for metal materials). Analysis was performed by ICP-OES and/or ICP-MS.

Test Item	Result (ppm)	Reporting Limit (ppm)	Reference Limit (ppm)
	1		
Lead (Pb)	ND	20	100
Conclusion	PASS	--	--

Sample Description:

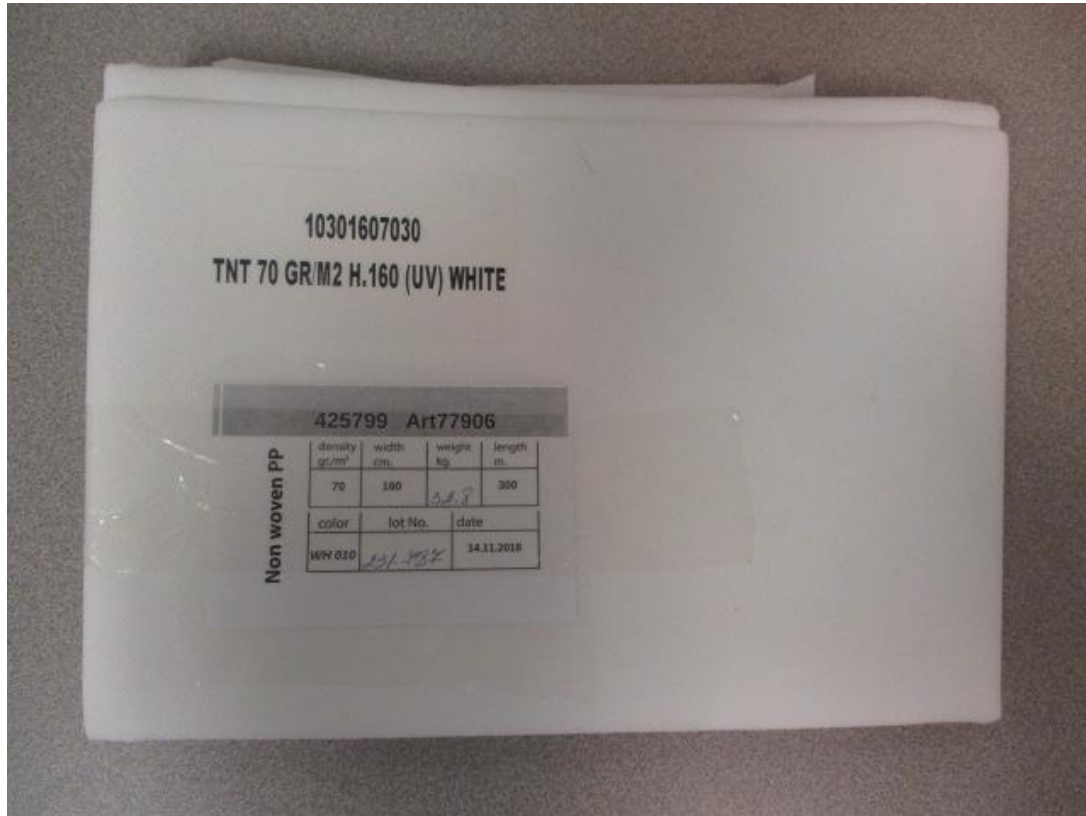
1. White Backing

- Note :
1. ppm = parts per million
 2. ND = Not Detected

Remark: The reference limit applied in testing is based on particular prop 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user’s actual exposure to the tested chemical.
 A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with Proposition 65 by clearly informing the consumer of potential exposure.

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Sample Picture



Selected tests as requested by applicant against specified requirement / test request form/quotation.

*** End of Report ***

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Laboratory Summary Information for Certificate of Compliance (COC)

I (we) hereby confirm based on the test results in this report, that the product or components described below was tested and comply with the applicable rules, bans, regulations and standards under the CPSIA (Consumer Product Safety Improvement Act) or any other Act enforced by the CPSC and checked on the list below.

Product/Component description provided by submitter:

Sample Description:	Black Non-Woven Backing Fabric
Color/Location:	White
Style/Item No.:	TNT 70 GR / M2 H160 (UV) White
PO/Ref. No.:	Not Provided

Safety Regulation Citations

- Wearing Apparel Flammability 16 CFR 1610
- Flammability Standard for Children's Sleepwear 16 CFR 1615 and 1616
- Small Parts 16 C.F.R. Part 1501 and 1500.50 - 53
- Sharp Points and Edges 16 CFR 1500.48 and 49
- Lead Paint Ban 16 CFR. 1303
- Lead in substrate CPSIA Section 101
- Phthalates CPSIA Section 108
- Flammability of Carpets and Rugs (16 CFR 1630 and 1631)
- Flammability of Mattress Pads (16 CFR 1632)
- Standard for the flammability of vinyl plastic film (16 CFR 1611)

Date of TP testing: January 17, 2019

TPCA (Third Party Conformity Assessment Body):

Place of TP testing: USA

Test Report Number: 4417106TX-01

TPCA name: SGS North America, Inc.

TPCA telephone number: 973-575-5252

TPCA address: 291 Fairfield Ave., Fairfield, NJ 07004

TPCA Contact Person: Carlos Juarez

The information on this sheet is ONLY applicable for the product tested in this report. This document cannot be considered as a COC but only as a traceability tool in order for manufacturer/importer to prepare their COC.

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