

G91239T4  
G91236

Greenbrier International, Inc. Test Report

Number: SHAH01237712



\*\*\*\*\*  
To be continued

Authorized By:  
Intertek Testing Services Ltd, Shanghai, Ningbo Branch

Peter Chen  
General Manager



**Greenbrier International, Inc. Test Report**

Number: SHAH01237712

Applicant: GREENBRIER INTERNATIONAL, INC  
500 VOLVO PARKWAY, CHESAPEAKE  
VIRGINIA 23320 USA  
Attn: DEBBIE SMITH

Date: 13 Jul, 2022

**Sample Description: DIY TOTE BAG ASTD.**

Vendor:	L3 Sales And Sourcing.	Pervious Report #: (If retest)	/.
Greenbrier Vendor #:	12017.	Manufacturer:	Changshan Xinnuo Craft Company.
Labeled Age Grade:	Not Found.	Sample Size:	36 Sets Each Style.
Appropriate Age Grade:	3+	GBI/DTSC SKU Number:	227058.
Tested Age Grade:	3+	Additional SKU(s):	/.
Client Specified Age Grade:	/.	PO No(s) (USA):	9169670.
Age Evaluation Report #:	/.	PO Ship Date(s)(USA):	08-Jul-2020.
Country of Origin:	China.	Additional PO No (USA):	/.
Countries of Sale:	US.	Additional PO Ship Date (USA):	/.
Protocol No.:	GRBI-08001-NA GBFD-08444-US GBFD-09062.3-NA GBFD-06504-US.	PO No(s) (Canada):	/.
Department #:	95 Christmas.	PO Ship Date(s) (Canada):	/.
Sub-Department #:	050-Crafts.	Additional PO No (Canada):	/.
Test Type:	/.	Additional PO Ship Date (Canada):	/.
Dollar Tree Direct (DTD) Sample Description:	/.	GBI / DTD SKU / Child SKU:	/.
Vendor Style No.:	/.	DTD PO No.:	/.
Sampling:	Y.	DTD PO Ship Date:	/.
Production Percentage:	100%.	DTD Country of Sale:	USA.
E3 Order:	/.	UPC Code:	/.

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General Manager



Executive Summary:

Protocol	Test Property	Rating
GRBI-08001-NA.	Labeling	P
GRBI-08001-NA.	Analytical	P
GRBI-08001-NA.	Hazards	P
GRBI-08001-NA.	Flammability	P
GRBI-08001-NA.	Physical Characteristics	P
GRBI-08001-NA.	Performance	NA
GBFD-08444-US.	Labeling	P
GBFD-08444-US.	Analytical	P
GBFD-09062.3-NA.	Analytical	P
GBFD-06504-US.	Analytical	P

Remarks: P = Pass, Fail = Fail, NA = Not Applicable, NT = Not Tested

Should you have any query on this report, you may contact : [anna.han@intertek.com](mailto:anna.han@intertek.com)

\*\*\*\*\*  
To be continued

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Intertek Testing Services Ltd, Shanghai, Ningbo Branch



Peter Chen  
General Manager



Tests Conducted

GREENBRIER INTERNATIONAL INC TEST PROTOCOL FOR

**GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
<b>SCOPE:</b>					
This protocol does not cover apparels, furniture, polyresin or polystone figurines / statues / collectibles					
For product submitting for both US and CN, refer to protocol 8000 for testing if it is classified as below: (1) Product classified as toy in both US and CN; or (2) Product classified as non-toy children product for US and classified as toy for Canada					
Please refer Greenbrier-Specific Testing Direction in GRBI -SPECIAL INSTRUCTIONS. A minimum of 36 samples per item for toy and children's products testing.					
Note: For Toys and Children's Products 4x Production Stage testing: There are two types of testing - Full testing and Partial testing. Full testing : Apply all the applicable tests in the protocol. Partial testing : Apply tests marked "Partial testing" at the criteria. - Full labeling review may be evaluated in First Off Line Production stage (FOL) depends on whether packaging is submitted. 1. FOL submission without packaging - Conduct partial testing without packaging. 2. FOL submission with packaging - Conduct partial testing except labeling (labeling require full testing).					
<b>SUPPLEMENTAL PROTOCOLS</b>					
* CPSIA Requirements	GBFD-08444-US	--	[Partial testing] All samples shall be reviewed against the requirements of CPSIA Requirements supplemental protocol to determine if additional testing or labeling is required.	See next section	-
* US States Reporting Supplemental	GBFD-06504-US	--	The sample should be reviewed against the requirements of US States Reporting Supplemental protocol to determine if additional testing is required.	See next section	-
* Toxics in Packaging Clearinghouse	GBFD-09062.3-NA	-	All samples shall be reviewed against the requirements of TPCH CONEG TEST protocol to determine if additional testing or labeling is required.	See next section	-
<b>LABELING</b>					
Uniform Packaging and Labeling Regulations	NIST Handbook 130 Part IV A	-	[US] - Shall be labeled with product identification. - Shall be labeled with the manufacturer, packer, or distributor's name and address (city, state and zip). - Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate	M	Pass



Tests Conducted

GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			information to facilitate consumer comparison. (US and metric units).  Report result as data only.  Client's requirement. Not request to check the type size.		
Parts labeling	Visual Check	--	Parts labeling shall match the actual content if present	M	Pass
Accuracy or adequacy of instructions	Visual Check	--	Instructions shall be legible and easy to understand; and consistent with sample performance.	M	Pass
Country of origin	19 CFR 134	--	[US]  Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.	M	Pass
Age grading	CPSC Age Determination Guidelines/ 16 CFR Part 1200	--	[US] [Partial testing]  All products shall be tested according to either the appropriate age grade, as determined by Intertek, or the labeled age grade if it is more stringent. In the event the sample is not age labeled, Intertek will determine the appropriate age grade and test accordingly.  Note: Rate as Data	Label Age Grade: not found  Tested Age Grade: 3+ years  Appropriate Age Grade: 3+ years	-
LHAMA evaluation in art material Labeling	16 CFR 1500.14 (b)(8) / ASTM D4236-94 (R2016)	--	[For US]  Shall conform to the labeling requirements as defined by 16 CFR 1500.14 (LHAMA)/ASTM D 4236. Warnings are not allowed on products intended for children under 12 years of age.	M	Pass
Labeling review - art and crafts items	ASTM F963-17 modified / Greenbrier requirement	-	Arts and crafts items shall have a small parts warning label on the packaging when they are intended for children at least 3 years of age but less than 6 years of age and contain small parts as received.  Items include but not limit to: 1. Writing materials such as	M	Pass



GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			crayons, chalk, pencils, [novelty] pens with caps and markers 2. Modeling clay and similar products such as Dough 3. Finger paints, watercolors and other paint sets 4. Beads and Sequins 5. Holiday foam cut outs  The labeling shall follow exact wording as in special instruction.  Modification = expand scope to non-toy children's products		
Labeling review - CSPA warning	Visual Check	--	[US] [Client's requirement]  CSPA warnings shall not be found on the packaging if not required for the product.	M	Pass
Labeling review - CSPA warning	Visual Check	--	[US]  Sticker on packaging for age grade and CSPA warning labels is not allowed. It shall be part of the actual packaging artwork.	M	Pass
* Claim verifications - level 3	Claim verification	1	Examine the retail packaging (or submitted artwork).  Record each objective (factual) claim which can be substantiated by the testing within this protocol and rate accordingly.  Any net quantity/dimensional claims evaluated in other sections of this protocol need not be recorded.  Additional testing required outside of the protocol shall be approved by the master client. Any objective claim not tested at the request of the client, shall be recorded as "Not Tested Per Client Request."  All subjective (opinion) claims shall be recorded as "NT" for Not Tested. No rating will be applied to the listed subjective claims.  Variations of color or assortment (meaning one item could be featured on the packaging but there are other styles	M	Pass



GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			<p>in the assortment) between the visual graphic imagery (artwork, photographs and/or illustrations) of the product on the packaging and the product itself should be marked in the test report and should NOT constitute a failure.</p> <p>Note: Additional charges may apply</p> <p>Client Requirement</p>		
* Barcode requirement	In House Method	3	<p>All products are required to have a unique scannable barcode according to the Uniform Code Council's specifications for product identification at the sales register sale. In addition, all barcodes must have the corresponding human readable numbers under the barcode.</p> <p>Note:</p> <ol style="list-style-type: none"> <li>For Toys and Children's Products 4x Production Stage testing, the test only needs to be conducted at the 100% production level</li> <li>For Toys and Children's Products 1 Stage testing, the test should be conducted at the 75% production level</li> <li>For any other submission which does not fall within the Toys and Children's Products 4x Production Stage testing, the test should be conducted at point of receipt (Single Sample Collection, Initial Sample Collection, Second Sample Collection, Random Sampling of Failure, Vendor Direct)</li> <li>If the submission is a pre-test (fiber content, HBC Label review, care label verification, etc.) and there is no barcode present on the labeling, packaging or product, please rate the test line N/A</li> </ol>	Barcode as claim Barcode Grade: Grade A	-
<b>ANALYTICAL</b>					
* Total heavy metal in surface coatings	ASTM F963-17 Sec. 4.3.5.1 (2) and 8.3.1/ CPSC-CH-E1003-09.1	-	[US] All accessible surface coating in non-toy children products, before and after use and abuse testing, shall not contain compounds of which the metal content of the total content exceeds the levels by weight (mg/kg) of the contained solid	M	Pass



Tests Conducted

GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			<p>including pigments, film solids and driers [Antimony (Sb) 60, Arsenic (As) 25, Barium (Ba) 1000, Cadmium (Cd) 75, Chromium (Cr) 60, Lead (Pb) 90, Mercury (Hg) 60, Selenium (Se) 500]</p> <p>Report actual results or include data table within report. If all heavy metal limits except for lead are met then no soluble lead testing will be conducted when the CPSIA total lead requirement is not met. Component testing is allowed. Based on the standard, will composite up to 3 colors. If any color in the composite exceeds 80% of the limit of any heavy metal except for lead based on the lowest weight component then soluble heavy metal content test with individual colors will be analyzed.</p> <p>Modification: Expand scope to non-toy children products</p> <p>Client requirement</p>		
* Total heavy metal in substrates	ASTM F963-17 Sec. 4.3.5.2 (2) (b) and 8.3.1 / 16 CFR 1251 / CPSC-CH-E1001-08.3 / CPSC-CH-E1002-08.3 /	--	<p>[US]</p> <p>All accessible substrates in non-toy children products, before and after use and abuse testing, shall have total heavy metals content comply with the limits specified in Table 1 of the standard. [Antimony (Sb) 60 mg/kg, Arsenic (As) 25 mg/kg, Barium (Ba) 1000 mg/kg, Cadmium (Cd) 75 mg/kg, Chromium (Cr) 60 mg/kg, Lead (Pb) 90 mg/kg, Mercury (Hg) 60 mg/kg, Selenium (Se) 500 mg/kg]</p> <p>Report actual results or include data table within report. If all heavy metal limits except for lead are met then no soluble lead testing will be conducted when the CPSIA total lead requirement is not met. Conduct soluble heavy metal test directly if there is only one textile component in the product.</p> <p>Component testing is allowed. Based on the standard, will composite up to 3 like materials. If any material in the</p>	See Data	-





Tests Conducted

GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			<p>composite exceeds 80% of the limit of any heavy metal except for lead based on the lowest weight component then soluble heavy metal content test with individual material will be analyzed.</p> <p>Unfinished and untreated wood as defined in 16 CFR 1251 will not be tested.</p> <p>Accessible glass, metal and ceramic toys or parts of toys are only tested if they are small parts. Paper and paperboard are exempt for testing. Substrates for children aged 6 or more are exempt for testing unless the parts can be mouthed, sucked or ingested.</p> <p>Modification: Expand scope to non-toy children products</p> <p>Client requirement</p>		
* Soluble heavy metal in substrate	ASTM F963-17 Sec. 4.3.5.2 (2) (b) and 8.3.5 / 16 CFR 1251	-	<p>[US]</p> <p>All accessible substrates in non-toy children products, before and after use and abuse testing, shall have soluble heavy metals content comply with the limits specified in Table 1 of the standard. [Antimony (Sb) 60, Arsenic (As) 25, Barium (Ba) 1000, Cadmium (Cd) 75, Chromium (Cr) 60, Lead (Pb) 90, Mercury (Hg) 60, Selenium (Se) 500]</p> <p>Substrates that contain less than the total limit of [Antimony (Sb) 60, Arsenic (As) 25, Barium (Ba) 1000, Cadmium (Cd) 75, Chromium (Cr) 60, Lead (Pb) 90, Mercury (Hg) 60, Selenium (Se) 500] do not need to be tested for the soluble content.</p> <p>Report actual results or include data table within report. Component testing is allowed. Compositing is not allowed.</p> <p>Unfinished and untreated wood as defined in 16 CFR 1251 will not be tested.</p>	M	Pass



GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			<p>Accessible glass, metal and ceramic toys or parts of toys are only tested if they are small parts. Paper and paperboard are exempt for testing. Substrates for children aged 6 or more are exempt for testing unless the parts can be mouthed, sucked or ingested.</p> <p>Modification: Expand scope to non-toy children products</p> <p>Client requirement</p>		
Toxicological risk assessment - document review	16 CFR 1500.3(b)(5) and 1500.3(b)(7)-(9)	--	<p>[US]</p> <p>Products intended for use by children, including toys and parts of toys, must not be toxic, a skin irritant, eye irritant, corrosive, or a strong sensitizer. Toxicity Risk Assessment shall be conducted to substantiate the compliance of the regulation for the following components:</p> <ul style="list-style-type: none"> <li>- The following high risk materials: liquids, pastes, putties, gels and powders regardless of claim</li> <li>- Other materials bearing a "NON-TOXIC" claim on samples and/or its packaging</li> </ul> <p>In lieu of testing, test report can be submitted if dated within five years.</p>	See Doc 66201400953	Pass
* LHAMA evaluation in art materials - Doc	16 CFR 1500.14(b)(8) / ASTM D4236-94 (R 2016)	--	<p>The formulation(s) of an art material intended for use by children, including toys and parts of toys, shall not pose any chronic adverse health effect(s).</p> <p>The evaluation shall be done by a toxicologist, who is certified by a nationally recognized certification board.</p> <p>In lieu of testing, test report or ACMI certificate can be submitted if dated within five years.</p>	See Doc 66201400953	Pass
Hazardous liquids – document review	16 CFR 1500.231	--	<p>[For US]</p> <p>To identify the presence of potentially hazardous ingredients, all liquid components and liquid-filled items intended or likely to be used by children aged 8 years and under shall comply</p>	See Doc SHAH01226623	Pass



GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			<p>with this requirement and the following chemicals shall not be present:</p> <ul style="list-style-type: none"> <li>a. Ethylene glycol</li> <li>b. Diethylene glycol</li> <li>c. Methanol</li> <li>d. Mercury</li> <li>e. Methylene chloride</li> <li>f. Petroleum distillates</li> <li>g. Toluene</li> <li>h. Xylene</li> <li>i. Benzene</li> <li>j. Turpentine</li> </ul> <p>Note: - Liquid is defined as any material which is free flowing, has no fixed shape and would take the shape of its container. - This includes liquids that are sealed in a product and Intertek expands to un-sealed liquid (16 CFR 1500.14).</p> <p>In lieu of testing, test report can be submitted if dated within one year.</p>		
Hazardous substances – DOC	In-house Method	--	<p>[CN]</p> <p>1. Liquid (sealed or un-sealed), slime and silly putty in products that are intended for use by a child shall NOT contain any of the following substances:</p> <ul style="list-style-type: none"> <li>(a) carbon tetrachloride or any substance containing carbon tetrachloride,</li> <li>(b) methyl alcohol or any substance containing more than 1% weight to volume of methyl alcohol,</li> <li>(c) petroleum distillates or any substance containing more than 10% weight to volume of petroleum distillates,</li> <li>(d) benzene,</li> <li>(e) turpentine or any substance containing more than 10% weight to volume turpentine,</li> <li>(f) boric acid or salts of boric acid, or</li> <li>(g) ethyl ether</li> </ul> <p>2. Modeling or dough-like material and modeling clay shall not contain any detectable level of boric acid or its salts (ITS reporting limit is 0.1%).</p> <p>In lieu of testing, test report can be</p>	See Doc SHAH01226623	Pass



Tests Conducted

GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			submitted if dated within one year.  Note : - Slime and silly putty are also includes the kits intended to create slime or silly putty. - Test method and limit with reference Canada Toys Regulations (SOR/2011-17) section 22  Client requirement		
* Total lead content in surface coatings	Illinois Lead Poisoning Prevention Act / CPSC-CH-E1003-09.1	--	[US] [Partial testing]  The following surface coatings shall contain less than 0.004% (40ppm) lead or lead compounds in which the lead content is the weight of the total content: a. All accessible surface coatings, in the as received state, on jewelry for children under 12 years of age, b. All accessible surface coatings, before and after use and abuse testing, on child care articles for children 6 years of age or younger, and on toys for children under 12 years of age.  As a client requirement, the warning label is not allowed.  The vendor is responsible for compliance of all other products outside of the above scope.  Report actual results or include data table within report. Component testing is allowed. Compositing is not allowed.  Client Requirement	M	Pass
* Total cadmium content in surface coatings	CPSC-CH-E1003-09.1 modified	-	[Partial testing]  All accessible surface coatings, before and after use and abuse testing, on toys and children products intended for children ages 12 and under shall not contain cadmium in excess of 0.004% (40ppm) of the weight of the total content.  Report actual results or include data	M	Pass



GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			table within report (Reporting limit is 10 mg/kg).  Component testing is allowed. Compositing is not allowed.  Client requirement		
* Total cadmium content in substrate materials	CPSC-CH-E1002-08 modified / CPSC-CH-E1001-08 modified	--	[Partial testing]  All accessible plastic and metal substrate materials, before and after use and abuse testing, of toys and children products intended for children ages 12 and under shall not contain cadmium in excess of 0.004% (40ppm) of the weight of the total content.  Report actual results or include data table within report (Reporting limit is 2 mg/kg). Component testing is allowed Compositing is not allowed.  Client requirement	M	Pass
<b>HAZARDS</b>					
* Mechanical hazards - children's products	16 CFR 1500 / 16 CFR 1501	--	[US] [Except food contact items] [Partial testing]  Shall meet the requirements specified in the standard. {See corresponding Table T-0002 at the end of this protocol}  Special Note: - Children's products (abuse test up to 8 years of age only) or toys (except the items in exemption list) must have a minimum of 24 pieces per item tested for mechanical hazards, all items must have full mechanical testing datasheets with photo evidence showing the before and after effects of all tests performed. - For the items in exemption list, only 12 samples needed to be tested. {See exemption list (T-0003) at the end of this protocol}	M	Pass
Sharp points	16 CFR 1500.48	1	[US] [Partial testing]  Items intended for children under 8 years	M	Pass



Tests Conducted

GRBI - 08001 - NA  
CHILDREN'S PRODUCTS NON TOYS (V28)

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating
			of age shall not have accessible, potentially hazardous sharp points before or after use and abuse testing.		
<b>FLAMMABILITY</b>					
Flammability of solids	16 CFR 1500.44	--	[US] [Except Easter Grass] [Partial testing]  Shall not exceed the maximum allowable limit of no greater than 0.1 inches per second	M	Pass
<b>PHYSICAL CHARACTERISTICS</b>					
Net content	Standard measure	All	[For claimed only] Net Weight (oz. / g.) - Report actual. Shall meet label claims (-0% / +5%).  Net Content other than weight (measure, numerical count or combination) - Report actual. Shall meet label claims (-0% / +5%). If the net content less than 0%, please rate the result "Fail". If the net content exceeds the claim by 5%, please rate the result "Pass w/ Comments.	M	Pass
Other test requirements according to test protocol				NA	-



Test Report

Number: SHAH01237712

Tests Conducted

Key:

*	Additional Charge For This Test
**	Mandatory Requirement
#	By Request Only
NM	Does Not Meet
NA	Not Applicable
NT	Not Tested
C	Claimed
R	Recorded

Result Key:

M Meets

Rating Key:

PASS	Pass
FAIL	Fail
MARG	Marginal
	Corrective
CAR	Action
	Required

**Greenbrier Mechanical test data:**

Sample #	Test	Test Component	Finding
Sample 1-24	Drop test	DIY tote bag	no sharp point/edge was found.
Sample 1-24	Torque and tension	DIY tote bag	no sharp point/edge was found.
Sample 1-24	Compression test	DIY tote bag	no sharp point/edge was found.
Sample 1-24	Flexure test	/	/



Tests Conducted

Image Appendix																																	
<b>T-0002</b> Abuse Test Conditions w Age.jpg	<table border="1"> <thead> <tr> <th>Testing Parameter</th> <th>Age (Months)</th> <th>Abuse Test Conditions</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Drop Test</td> <td>0 to ≤18</td> <td>4.5 ft. (1.37 m) 10 drops</td> </tr> <tr> <td>&gt;18 to ≤36</td> <td>3 ft. (0.91 m) 4 drops</td> </tr> <tr> <td>&gt;36 to ≤96</td> <td>3 ft. (0.91 m) 4 drops</td> </tr> <tr> <td rowspan="3">Torque Test</td> <td>0 to ≤18</td> <td>2 in - lb. (0.23 N - m)</td> </tr> <tr> <td>&gt;18 to ≤36</td> <td>3 in - lb. (0.34 N - m)</td> </tr> <tr> <td>&gt;36 to ≤96</td> <td>4 in - lb. (0.45 N - m)</td> </tr> <tr> <td rowspan="3">Tension Test</td> <td>0 to ≤18</td> <td>10 lb. (44.5 N)</td> </tr> <tr> <td>&gt;18 to ≤36</td> <td>15 lb. (66.8 N)</td> </tr> <tr> <td>&gt;36 to ≤96</td> <td>15 lb. (66.8 N)</td> </tr> <tr> <td rowspan="3">Compression Test</td> <td>0 to ≤18</td> <td>20 lb. (89 N)</td> </tr> <tr> <td>&gt;18 to ≤36</td> <td>25 lb. (111.3 N)</td> </tr> <tr> <td>&gt;36 to ≤96</td> <td>30 lb. (133.5 N)</td> </tr> </tbody> </table>	Testing Parameter	Age (Months)	Abuse Test Conditions	Drop Test	0 to ≤18	4.5 ft. (1.37 m) 10 drops	>18 to ≤36	3 ft. (0.91 m) 4 drops	>36 to ≤96	3 ft. (0.91 m) 4 drops	Torque Test	0 to ≤18	2 in - lb. (0.23 N - m)	>18 to ≤36	3 in - lb. (0.34 N - m)	>36 to ≤96	4 in - lb. (0.45 N - m)	Tension Test	0 to ≤18	10 lb. (44.5 N)	>18 to ≤36	15 lb. (66.8 N)	>36 to ≤96	15 lb. (66.8 N)	Compression Test	0 to ≤18	20 lb. (89 N)	>18 to ≤36	25 lb. (111.3 N)	>36 to ≤96	30 lb. (133.5 N)	
	Testing Parameter	Age (Months)	Abuse Test Conditions																														
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	>36 to ≤96	30 lb. (133.5 N)																															
<b>T-0003</b> Exempt list for mechanical hazard testing	Adhesive Fur Sheets																																
	Bags (for over 3 years)																																
	Bead Design Kit																																
	Bath Puppet																																
	Blankets without embellishments																																
	Chalks																																
	Cosmetic bag w/o embellishments (for over 3 years)																																
	Cotton Cord (used for making bracelet or necklace)																																
	Construction paper (or other purely paper product)																																
	Crayons																																
	Fabric Cape																																
	Fabric Hat																																
	Fabric Skirt w/o embellishments																																
	Flip Flops w/o embellishments																																
	Feathers																																
	Foam 3D puzzle (for over 3 years)																																
	Foam Ball by itself (for over 3 years)																																
	Glue Stick/Washable Glue Stick (for over 3 years)																																
	Hair Bands/Rubber Bands (for over 3 years)																																
	Hair Twists (for over 3 years)																																
Halloween Fabric Bins																																	
Infant Towel w/o embellishments																																	
Latex balloons (for over 3 years)																																	
Markers																																	





Test Report

Number: SHAH01237712

Tests Conducted

	Media (CD's/DVD's)	
	Modeling Clay (for over 3 years)	
	Paper Hat w/o embellishments	
	Paper book (without staple)	
	Paper puzzle	
	Paper sticker	
	Pencil Bag w/o embellishments	
	Pencils	
	Pens	
	Placemat	
	Plastic Sticker, Foam Sticker, Gel Sticker, etc (for over 3 years)	
	Pom Poms (for over 3 years)	
	Purely Foam Product (for over 3 years)	
	Putty	
	Rubber ball (for over 3 years)	
	Rubber Eraser (for over 3 years)	
	Sand	
	Socks without plastic embellishments	
	Stretch Animals (resilient material, for over 3 years)	
	Stuffed toys without Non-textile components or embellishments	
	Temporary Face Tattoos	
	Treat Bag/Plastic Bag (for over 3 years)	
	Valentine's Cards with Lollipops	
	Velvet Color Sheet (for over 3 years)	
<p>Note: In this exempt list, only 12 samples needed to be tested, as opposed to the 24 samples for mechanical hazards.                  These items are not exempt from mechanical testing, only exempt from increase to 24 samples.</p>		



Tests Conducted

<p>G-0104 Trademark of the manufacturer or importer.bmp</p>	
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Products Containing Mercury Regulations SOR2014-254 SCHEDULE.doc	Column 1		Column 2	Column 3
	Item	Product Category	Maximum Total Quantity of Mercury in the Product	End date
	1	Dental amalgam	No limit	None
	2	Compact fluorescent lamp for general lighting purposes		
		(a) ≤ 25 watts	4 mg per lamp	None
		(b) > 25 watt	5 mg per lamp	None
	3	Straight fluorescent lamp for general lighting purposes		
		(a) T5, program start with a normal lifetime (< 25,000 hours)	3 mg per lamp	None
		(b) T8, 4-foot or less, instant an program start, medium bi-pin base, with a normal lifetime (< 25,000 hours)	4 mg per lamp	None
		(c) T5, program start, with a long lifetime (≥ 25,000 hours)	5 mg per lamp	None
		(d) T8, 4-foot or less, instant and program start, medium bi-pin base, with a long lifetime (≥ 25,000 hours)	5 mg per lamp	None
		(e) T12, 4-foot or less, rapid start, medium bi-pin base	10 mg per lamp	None
		(f) T12, 8-foot, instant start, single pin base	15 mg per lamp	None
	4	Non-linear fluorescent lamp for general lighting purposes, including a circular or square fluorescent lamp	15 mg per lamp	None
	5	Induction fluorescent lamp for general lighting purposes	15 mg per lamp	None
	6	Mercury vapour lamp for general lighting purposes		
		(a) ≤ 250 watts	40 mg per lamp	31-Dec-17
		(b) > 250 watts and ≤ 400 watts	75 mg per lamp	31-Dec-17
		(c) > 400 watts and ≤ 1000 watts	250 mg per lamp	31-Dec-17
	7	High pressure sodium vapour lamp for general lighting purposes	40 mg per arc tube	None
	8	Metal halide lamp for general lighting purposes		



Tests Conducted

	(a) ≤ 300 watts	40 mg per lamp	None
	(b) > 300 watts and ≤ 500 watts	75 mg per lamp	None
	(c) > 500 watts and ≤ 700 watts	85 mg per lamp	None
	(d) > 700 watts and ≤ 1000 watts	250 mg per lamp	None
9	Automobile headlamp	10 mg per lamp	None
10	Cold cathode fluorescent lamp		
	(a) 1.5 m or less in length	10 mg per lamp	None
	(b) more than 1.5 m in length	13 mg per lamp	None
11	External electrode fluorescent lamp		
	(a) 1.5 m or less in length	5 mg per lamp	None
	(b) more than 1.5 m in length	13 mg per lamp	None
12	Cold cathode tubing for signage or cove lighting	100 mg per 2.44 m (8 feet)	None
13	Electrode for use in cold cathode tubing for signage or cove lighting	100 mg per electrode	None
14	Fluorescent and discharge lamps other than those referred to in items 2 to 13	No limit	None
15	Very high accuracy capacitance and loss measurement bridges and high frequency RF switches and relays in monitoring and control instruments	20 mg per bridge, switch or relay	None
16	Thermometer for use in a laboratory for scientific research applications	No limit	None
17	Thermometer or other scientific instrument required to be used by an ASTM International standard	No limit	None
18	Scientific instrument used for the calibration of medical devices or for the calibration of scientific research instruments	No limit	None
19	Laboratory analytical standard or reference material	No limit	None
20	Scientific instrument used as reference for clinical validation studies	No limit	None
21	Scientific instrument used for measuring the quantity of mercury in the environment	No limit	None
22	Radiation light detector	No limit	None
23	Infrared light detector	No limit	None
24	Low mercury chloride reference electrode	No limit	None
25	Low mercury sulphate reference electrode	No limit	None
26	Low mercury oxide reference electrode	No limit	None
27	Professional, commercial and industrial photographic film	No limit	None
28	Professional, commercial and industrial photographic paper	No limit	None
29	Composite resins and adhesive resins used in the aerospace industry	2% by weight	None
30	Catalyst used in the manufacturing of polyurethane	No limit	None



Test Report

Number: SHAH01237712

Tests Conducted

	<table border="1"> <tr> <td data-bbox="483 306 516 331">31</td> <td data-bbox="558 306 1073 331">Button cell battery</td> <td data-bbox="1101 306 1279 331">25 mg per battery</td> <td data-bbox="1338 306 1419 359">31-Dec-15</td> </tr> <tr> <td data-bbox="483 359 516 384">32</td> <td data-bbox="558 359 1073 411">Medical device that is intended to remain in the body for at least 30 consecutive days</td> <td data-bbox="1101 359 1182 384">No limit</td> <td data-bbox="1338 359 1419 411">31-Dec-19</td> </tr> <tr> <td data-bbox="483 420 516 445">33</td> <td data-bbox="558 420 1073 445">In-vitro diagnostic assays and reagents</td> <td data-bbox="1101 420 1182 445">No limit</td> <td data-bbox="1338 420 1419 472">31-Dec-19</td> </tr> <tr> <td data-bbox="483 472 516 497">34</td> <td data-bbox="558 472 1073 621">Replacement part (see note) if the product contained the part (a) before the coming into force of these Regulations; or (b) at the time of its manufacture or import, if that manufacture or import was permitted under these Regulations</td> <td data-bbox="1101 472 1182 497">No limit</td> <td data-bbox="1338 472 1393 497">None</td> </tr> </table> <p data-bbox="483 625 1425 699">Note: Replacement part means a part that is required for a product to continue to function and for which there is no mercury-free alternative or product listed in this schedule that could serve as a direct substitute.</p>	31	Button cell battery	25 mg per battery	31-Dec-15	32	Medical device that is intended to remain in the body for at least 30 consecutive days	No limit	31-Dec-19	33	In-vitro diagnostic assays and reagents	No limit	31-Dec-19	34	Replacement part (see note) if the product contained the part (a) before the coming into force of these Regulations; or (b) at the time of its manufacture or import, if that manufacture or import was permitted under these Regulations	No limit	None
31	Button cell battery	25 mg per battery	31-Dec-15														
32	Medical device that is intended to remain in the body for at least 30 consecutive days	No limit	31-Dec-19														
33	In-vitro diagnostic assays and reagents	No limit	31-Dec-19														
34	Replacement part (see note) if the product contained the part (a) before the coming into force of these Regulations; or (b) at the time of its manufacture or import, if that manufacture or import was permitted under these Regulations	No limit	None														
<p><b>Products Containing Mercury Regulations SOR2014-254 EXEMPTIONS.doc</b></p>	<p>These Regulations do not apply to</p> <ul style="list-style-type: none"> <li>(a) waste;</li> <li>(b) a product that is at the end of its useful life and that is intended to be recycled;</li> <li>(c) a food, drug, or cosmetic as defined in section 2 of the <a href="#">Food and Drugs Act</a>;</li> <li>(d) a veterinary biologic as defined in subsection 2(1) of the <a href="#">Health of Animals Act</a>;</li> <li>(e) a surface coating material as defined in subsection 1(1) of the <a href="#">Surface Coating Materials Regulations</a> or a surface coating material applied to a toy regulated under the <a href="#">Toys Regulations</a>;</li> <li>(f) a pest control product as defined in subsection 2(1) of the <a href="#">Pest Control Products Act</a>;</li> <li>(g) a feed as defined in section 2 of the <a href="#">Feeds Act</a>;</li> <li>(h) a fertilizer as defined in section 2 of the <a href="#">Fertilizers Act</a>;</li> <li>(i) an explosive regulated under the <a href="#">Explosives Act</a>;</li> <li>(j) ammunition and explosives under the direction or control of the Minister of National Defence;</li> <li>(k) a product, other than a battery, that has a mercury concentration of 0.1% or less by weight in homogeneous materials;</li> <li>(l) a battery, other than a button cell battery, that has a mercury concentration of 0.0005% or less by weight in homogeneous materials;</li> <li>(m) beginning on January 1, 2016, a button cell battery that has a mercury concentration of 0.0005% or less by weight in homogeneous materials;</li> <li>(n) from January 1, 2016 until December 31, 2019, a button cell battery that is incorporated into a medical device that is intended to remain in the body for at least 30 consecutive days;</li> <li>(o) ores, concentrates and by-products of metallurgic operations; and</li> <li>(p) an on-road vehicle as defined in subsection 1(1) of the <a href="#">On-Road Vehicle and Engine Emission Regulations</a> that is of the 2016 model year or of a previous model year as determined under section 5 of those Regulations.</li> </ul>																



Test Report

Number: SHAH01237712

Tests Conducted

Keys					
A	Additional Charge For This Test	M	Mandatory	R	Regulatory
M	Meets (Result Key)	NM	Does Not Meet (Result Key)	NA	Not Applicable (Result Key)
NT	Not Tested (Result Key)	C	Claimed (Result Key)	R	Recorded (Result Key)
COND PASS	Conditional Pass (FDOL Rating Key)	PASS	Pass (FDOL Rating Key)	FAIL	Fail (FDOL Rating Key)
Acc	Acceptable (FDOL Rating Key)	Marg	Marginal (FDOL Rating Key)	Unacc	Unacceptable (FDOL Rating Key)
PASS	Pass (GBRI Rating Key)	FAIL	Fail (GBRI Rating Key)	MARG	Marginal (GBRI Rating Key)
CAR	Corrective Action Required (GBRI Rating Key)				

	Evaluation	Citation / Method	Criteria	Banner	Result	Rating
<b>LABELLING</b>						
A R	Tracking label for children's products	CPSIA 103	<p>A permanent and distinguishing mark or code on the product and its packaging, to the extent practicable, allows the manufacturer and purchaser to ascertain the name of the manufacturer or private labeler, location and date of production of the product.</p> <p>Verified the Presence and verified the format accuracy.</p> <p><b>Family Dollar Requirement:</b> For label with format following Family Dollar or Midwood Brands format: - Refer to document "Family Dollar Tracking Label Requirements" for label format - For others: If internal coding is used, de-code system shall also be submitted for verification. Manufacturer or Private Labeler name can not be coded.</p> <p>Note: - If vendor tracking label format is used, test line must be rated as Conditional Pass and note "vendor tracking label format is used" in the executive summary. - Type tracking label details into Rating field along with the pass/fail/conditional pass rating. Also include picture of tracking label in exhibit section</p>	Family Dollar, Greenbrier	<p>M</p> <p>ON PACKAGING: 227058-12017-011-060120 GREENBRIER INTERNATIONAL.,INC. 500 VOLVO PARKWAY , CHESAPEAKE,VA 23320</p> <p>ON PRODUCT : 227058-12017-011-060120 GREENBRIER INTERNATIONAL.,INC.</p>	Pass



Test Report

Number: SHAH01237712

Tests Conducted

	Evaluation	Citation / Method	Criteria	Banner	Result	Rating
			<p>of report.</p> <p><b>Greenbrier Requirement:</b> If internal coding is used, de-code system shall also be submitted for verification (refer to GRBI-GB-SUPP-TRACKING LABEL CODE &amp; PROCEDURE).</p> <p>Note:</p> <ol style="list-style-type: none"> <li>Internal coding for manufacturer or private labeler on the tracking label is not accepted.</li> <li>Below abbreviated tracking marking is allowed to be used : Greenbrier Intl / SKU# / Vendor# /Factory##/ Date A notification email need to be sent to Greenbrier if abbreviated tracking label is used.</li> </ol> <ul style="list-style-type: none"> <li>Greenbrier has mandated that all children's dinnerware (plates, cups, etc.) shall have a tracking label, regardless if the submission falls within FDA jurisdiction only.</li> <li>Information for tracking label on product must be identical with the information for tracking label on packaging.</li> </ul>			
<b>ANALYTICAL</b>						
A R	Total lead in surface coating	16 CFR 1303/Consumer Product Safety Improvement Act of 2008 / CPSC-CH-E1003-09.1	<p>All accessible surface coatings, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead or lead components in which the lead content is in excess of 0.009% (90ppm) of the weight of the total content. In case of insufficient coating for testing found on number of samples specified in the protocol, vendor needs to provide additional component parts (including raw materials) for testing.</p> <p>Report actual results or include data table within report. Issue a third party test report. Component testing is not allowed.</p>	Greenbrier	M	Pass



Test Report

Number: SHAH01237712

Tests Conducted

	Evaluation	Citation / Method	Criteria	Banner	Result	Rating
			Composite testing is not allowed. Client requirement			
A R	Total lead in substrate	Consumer Product Safety Improvement Act of 2008 / 16 CFR 1252 / CPSC-CH-E1001-08.3 / CPSC-CH-E1002-08.3	All accessible substrates, before and after use and abuse testing, on items intended for children ages 12 and under shall not contain lead in excess of 0.009% (90 ppm) of the weight of the total content. In case of insufficient material for testing found on number of samples specified in the protocol, vendor needs to provide components/parts for testing. Report actual results or include data table within report. Issue a third party test report. Component testing is allowed. Compositing up to 3 like materials is allowed except metal. Exempt materials as defined by the Consumer Products Safety Commission in 16 CFR 1500.88, 16 CFR 1500.91 (d) and (e) and 16 CFR 1252 will not be tested. Untreated and unfinished engineered wood products (EWPs), specifically, particleboard, hardwood plywood, and medium-density fiberboard, made from virgin wood or pre-consumer wood waste as defined in 16 CFR 1252 will not be tested. Vendor shall claim this determination in TRF, otherwise testing will be conducted in all woods. Client requirement - the limit is lowered to 90ppm	Family Dollar, Greenbrier	M	Pass
Other test requirements according to test protocol					NA	-



Test Report

Number: SHAH01237712

Tests Conducted

**GREENBRIER INTERNATIONAL INC TEST PROTOCOL FOR  
GRBI - 09062.3 - NA  
TOXICS IN PACKAGING CLEARINGHOUSE (V1)**

Evaluation	Citation / Method	No. of Samples	Criteria	Results	Rating	
<b>ANALYTICAL</b>						
*	Heavy metals content in packaging materials - documentation review	Model toxics in packaging legislation of the toxics in packaging clearinghouse (TPCH)	--	[Applicable to US and CN] The sum of concentration levels of lead, cadmium, mercury and hexavalent chromium in packaging or packaging components shall not exceed 100 mg/kg (100 ppm) by weight.  In lieu of testing, test report can be submitted if dated within one year.	See Doc 66200871158	Pass
<b>Other test requirements according to test protocol</b>				NA	-	

Key:

- \* Additional Charge For This Test
- \*\* Mandatory Requirement
- # By Request Only

Results Key:

M	Meets	NM	Does Not Meet
NA	Not Applicable	NT	Not Tested
C	Claimed	R	Recorded

Rating Key:

PASS	Pass	MARG	Marginal
FAIL	Fail	CAR	Corrective Action Required





Tests Conducted

**GREENBRIER / FAMILY DOLLAR TEST PROTOCOL FOR  
GBFD-06504-US  
US STATES REPORTING SUPPLEMENTAL**

Product	Citation	Requirements / Test Method	Result	Rating
<b>SCOPE:</b> This protocol covers the state reporting rules and related analytical test lines for Washington, Oregon, Vermont and Maine				
<b>ANALYTICAL</b>				
*Chemical of High Concern to Children (CHCC) content - Doc	Washington Children's Safe Products Act (CSPA) Reporting Rule Chapter 173-334-WAC	<p>All accessible component, before and after use and abuse testing, on children's product under the age of twelve shall not exceed 90 ppm for intentionally added chemicals, and/or 100 ppm (0.01% by weight) for unintentionally added chemicals.</p> <p>In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Report actual composite result (both chemical name and concentration) or include data table within report.</li> <li>- Testing based on 3 samples.</li> <li>- Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports).</li> <li>- When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL.</li> <li>- Composite testing across styles is allowed.</li> <li>- Do not test individual components, within the composite, if composite exceeds limit.</li> <li>- Hair goods for beautification are exempted</li> <li>- Refer to the CSPA Reporting Rule section WAC 173-334-130 for list of 85 CHCC to be tested</li> <li>- A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer.</li> <li>- Include CHCC findings in the report submitted in lieu of testing in the results section of this test line.</li> </ul> <p>Client requirement</p>	See Doc 66200871158	Marginal



**GREENBRIER / FAMILY DOLLAR TEST PROTOCOL FOR  
GBFD-06504-US  
US STATES REPORTING SUPPLEMENTAL**

Product	Citation	Requirements / Test Method	Result	Rating
High Priority Chemicals of Concern (HPCCs)- Doc	Oregon Toxic-Free Kids Act Reporting Rule - ORS 431A.250-280	<p>All accessible and inaccessible components, before and after use and abuse testing, on children's products under the age of twelve shall not exceed 100 ppm (0.01% by weight) for unintentionally added chemicals.</p> <p>In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Report actual composite result (both chemical name and concentration) or include data table within report.</li> <li>- Testing based on 3 samples.</li> <li>- Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports).</li> <li>- When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL.</li> <li>- Composite testing across styles is allowed.</li> <li>- Do not test individual components, within the composite, if composite exceeds limit.</li> <li>- Accessible and inaccessible materials are not composited together.</li> <li>- Hair goods for beautification are exempted</li> <li>- Refer to Oregon ORS 431A.250-280 for list of 68 CHCC to be tested.</li> <li>- A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer.</li> <li>- Include CHCC findings in the report submitted in lieu of testing in the results section of this test line.</li> </ul> <p>Client requirement</p>	See Doc 66200871158	Marginal



Tests Conducted

**GREENBRIER / FAMILY DOLLAR TEST PROTOCOL FOR  
GBFD-06504-US  
US STATES REPORTING SUPPLEMENTAL**

Product	Citation	Requirements / Test Method	Result	Rating
Chemical of High Concern to Children (CHCC)-Doc	Vermont Chemicals of High Concern in Children's Products Rule 18 V.S.A. Ch 38A	<p>All accessible components, before and after use and abuse testing, on children's products under the age of twelve shall not exceed 100 ppm (0.01% by weight) for unintentionally added chemicals.</p> <p>In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Report actual composite result (both chemical name and concentration) or include data table within report.</li> <li>- Testing based on 3 samples. Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports).</li> <li>- When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL.</li> <li>- Composite testing across styles is allowed.</li> <li>- Do not test individual components, within the composite, if composite exceeds limit.</li> <li>- Hair goods for beautification are exempted</li> <li>- Refer to Vermont 18 V.S.A. Ch 38A for list of 66 CHCC to be tested.</li> <li>- A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer.</li> <li>- Include CHCC findings in the report submitted in lieu of testing in the results section of this test line.</li> </ul> <p>Client requirement</p>	See Doc 66200871158	Marginal



Test Report

Number: SHAH01237712

Tests Conducted

**GREENBRIER / FAMILY DOLLAR TEST PROTOCOL FOR  
GBFD-06504-US  
US STATES REPORTING SUPPLEMENTAL**

Product	Citation	Requirements / Test Method	Result	Rating
Priority chemicals - total heavy metals in children products- Doc	Maine Toxic Chemicals in Children's Products Law / Department of Environmental Protection Ch.884,886,887	<p>All accessible components, before and after use and abuse testing, on certain children's products under the age of twelve shall not exceed 100 ppm (0.01% by weight) for unintentionally added cadmium, arsenic, or mercury.</p> <p>In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Report actual composite result (both chemical name and concentration) or include data table within report.</li> <li>- Testing based on 3 samples.</li> <li>- Children's products are defined as bedding, childcare articles, clothing, cosmetics, craft supplies, footwear, games, jewelry and embellishments, safety seat, occasion supplies, personal accessories, personal care product, school supplies, and toys.</li> <li>- Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports).</li> <li>- When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL.</li> <li>- Composite testing across styles is allowed.</li> <li>- Do not test individual components, within the composite, if composite exceeds limit.</li> <li>- A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer.</li> <li>- Include CHCC findings in the report submitted in lieu of testing in the results section of this test line.</li> </ul> <p>Client requirement</p>	See Doc 66200871158	Pass



Tests Conducted

**GREENBRIER / FAMILY DOLLAR TEST PROTOCOL FOR  
GBFD-06504-US  
US STATES REPORTING SUPPLEMENTAL**

Product	Citation	Requirements / Test Method	Result	Rating
Priority chemicals - phthalates in children products- Doc	Maine Toxic Chemicals in Children's Products Law / Department of Environmental Protection Ch.888	<p>All accessible components, before and after use and abuse testing, of certain children's products intended for children under the age of twelve shall not exceed 100 ppm (0.01% by weight) for unintentionally added DEHP, DBP, BBP, DEP. In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Report actual composite result (both chemical name and concentration) or include data table within report.</li> <li>- Testing based on 3 samples.</li> <li>- Children's products defined as clothing and footwear; craft supplies; building and home maintenance products; cosmetic and personal care products; household and commercial cleaning products; household furniture and furnishings; and personal accessories and jewelry.</li> <li>- Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports).</li> <li>- When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL.</li> </ul>	See Doc 66200871158	Pass
		<ul style="list-style-type: none"> <li>- Composite testing across styles is allowed.</li> <li>- Do not test individual components, within the composite, if composite exceeds limit.</li> <li>- A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer.</li> <li>- Include CHCC findings in the report submitted in lieu of testing in the results section of this test line.</li> </ul> <p>Client requirement</p>		



Test Report

Number: SHAH01237712

Tests Conducted

**GREENBRIER / FAMILY DOLLAR TEST PROTOCOL FOR  
GBFD-06504-US  
US STATES REPORTING SUPPLEMENTAL**

Product	Citation	Requirements / Test Method	Result	Rating
Priority chemicals - formaldehyde in children products- Doc	Maine Toxic Chemicals in Children's Products Law / Department of Environmental Protection Ch.885	<p>All accessible components, before and after use and abuse testing, of certain children's product under the age of twelve shall not exceed 100 ppm (0.01% by weight) for unintentionally added formaldehyde.</p> <p>In lieu of testing, test report can be submitted if dated within one year. Rate per test result in submitted test report. Refer to image appendix for decision flow chart for rating.</p> <p>Note:</p> <ul style="list-style-type: none"> <li>- Report actual composite result (both chemical name and concentration) or include data table within report.</li> <li>- Testing based on 3 samples.</li> <li>- Children's products are defined as bedding, childcare articles, clothing, cosmetics, craft supplies, footwear, games, jewelry and embellishments, safety seat, occasion supplies, personal accessories, personal care product, school supplies, and toys.</li> <li>- Composite up to 3 like materials, except metal. Composite testing is only allowed for items tested by BV, SGS, Intertek and Qima (own name pre-tests and Greenbrier reports).</li> <li>- When other 3rd party test reports are submitted, test results must include all individual accessible components of the item, for all CHCCs, and rated as MARGINAL.</li> <li>- Composite testing across styles is allowed.</li> <li>- Do not test individual components, within the composite, if composite exceeds limit.</li> <li>- A declaration form must be submitted together with article (GRBI-GB-SUPP-CHEMICALS OF HIGH CONCERN (CHCC) DECLARATION FORM). The chemical on the CHCC list which is an intentionally added chemical or a contaminant present in a product should be declared by the vendor or manufacturer.</li> <li>- Include CHCC findings in the report submitted in lieu of testing in the results section of this test line.</li> </ul> <p>Client requirement</p>	See Doc 66200871158	Pass
Other test requirements according to test protocol			NA	-



## Test Report

Number: SHAH01237712

### Tests Conducted

"Children's product" as defined in RCW Chapter 70.240.010 of Washington Children's Safe Products Act (CSPA) does not include the following:

- (i) Batteries;
- (ii) Slings and catapults;
- (iii) Sets of darts with metallic points;
- (iv) Toy steam engines;
- (v) Bicycles and tricycles;
- (vi) Video toys that can be connected to a video screen and are operated at a nominal voltage exceeding twenty-four volts;
- (vii) Chemistry sets;
- (viii) Consumer and children's electronic products, including but not limited to personal computers, audio and video equipment, calculators, wireless phones, game consoles, and handheld devices incorporating a video screen, used to access interactive software and their associated peripherals;
- (ix) Interactive software, intended for leisure and entertainment, such as computer games, and their storage media, such as compact disks;
- (x) BB guns, pellet guns, and air rifles;
- (xi) Snow sporting equipment, including skis, poles, boots, snow boards, sleds, and bindings;
- (xii) Sporting equipment, including, but not limited to bats, balls, gloves, sticks, pucks, and pads;
- (xiii) Roller skates;
- (xiv) Scooters;
- (xv) Model rockets;
- (xvi) Athletic shoes with cleats or spikes; and
- (xvii) Pocket knives and multitools.

# : By Request Only

\* : Additional charge items

\*\* : Mandatory Requirement

### Result Key:

M	Meets	NM	Does Not Meet
NA	Not Applicable	NT	Not Tested
C	Claimed	R	Recorded

### Rating Key:

PASS	Pass	FAIL	Fail
MARG	Marginal	CAR	Corrective Action Required



**Test Report**

Number: SHAH01237712

Tests Conducted

1 Heavy metal elements analysis

As per section 4.3.5.1(2) and 8.3.1 / 4.3.5.2(2)(b) and 8.3.1 of the ASTM standard consumer safety specification on toy safety F963-17, test method(s) CPSC-CH-E1003-09.1 and/or CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 was/were used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result (ppm)						ASTM F963-17 Soluble limit(ppm)
	(1)	(2)	(3)	(4)	(5)	(6)	
Tot. Barium (Ba)	45	<10	25	<10	31	<10	1000
Tot. Lead(Pb)	<10	<10	<10	<10	<10	<10	90
Tot. Cadmium (Cd)	<10	<10	<10	<10	<10	<10	75
Tot. Antimony (Sb)	99#1	35	<10	<10	<10	<10	60
Tot. Selenium (Se)	<10	<10	<10	<10	<10	<10	500
Tot. Chromium (Cr)	<10	<10	<10	<10	<10	<10	60
Tot. Mercury(Hg)	<10	<10	<10	<10	<10	<10	60
Tot. Arsenic (As)	<10	<10	<10	<10	<10	<10	25

	Result (ppm)						ASTM F963-17 Soluble limit(ppm)
	(7)	(8)	(9)	(10)	(11)	(12)	
Tot. Barium (Ba)	474	49	80	<10	<10	<10	1000
Tot. Lead(Pb)	<10	<10	<10	<10	<10	<10	90
Tot. Cadmium (Cd)	<10	<10	<10	<10	<10	<10	75
Tot. Antimony (Sb)	<10	<10	<10	<10	<10	<10	60
Tot. Selenium (Se)	<10	<10	<10	<10	<10	<10	500
Tot. Chromium (Cr)	<10	<10	<10	<10	<10	42	60
Tot. Mercury(Hg)	<10	<10	<10	<10	<10	<10	60
Tot. Arsenic (As)	<10	<10	<10	<10	<10	<10	25

	Result (ppm)		ASTM F963-17 Soluble limit(ppm)
	(13) to (16)	(17)	
Tot. Barium (Ba)	<10	<10	1000
Tot. Lead(Pb)	<10	<10	90
Tot. Cadmium (Cd)	<10	<10	75
Tot. Antimony (Sb)	<10	44	60
Tot. Selenium (Se)	<10	<10	500
Tot. Chromium (Cr)	<10	<10	60
Tot. Mercury(Hg)	<10	<10	60
Tot. Arsenic (As)	<10	<10	25

Remark: ppm = Parts per million = mg/kg

Tot. = Total

#1 = Exceeded soluble limit

Tested components: See component list in the last section of this report

Date Sample Received: 07 Jul, 2022

Testing Period: 07 Jul, 2022 To 10 Jul, 2022

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To be continued





Test Report

Number: SHAH01237712

Tests Conducted

2 Soluble heavy metal elements analysis

As per section 4.3.5.1(2) and 8.3.2 / 4.3.5.2(2)(b) and 8.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result (ppm)	Soluble Limit(ppm)
	(1)	
Sol. Barium(Ba)	<5	1000
Sol. Lead(Pb)	<5	90
Sol. Cadmium(Cd)	<5	75
Sol. Antimony(Sb)	<5	60
Sol. Selenium(Se)	<5	500
Sol. Chromium(Cr)	<5	60
Sol. Mercury(Hg)	<5	60
Sol. Arsenic(As)	<2.5	25

Remark: ppm = Parts per million = mg/kg  
Sol. = Soluble

Tested components: See component list in the last section of this report

Date Sample Received: 07 Jul, 2022

Testing Period: 07 Jul, 2022 To 10 Jul, 2022

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To be continued



Test Report

Number: SHAH01237712

Tests Conducted

3 Total Cadmium (Cd) Content on surface coating

As per client's request, test method CPSC-CH-E1003-09.1(Mod.) was used and total cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Sample / Component	Result (ppm)	Requirement (ppm)
(11) to (16)	ND	40

Remark: ppm = Parts per million = mg/kg  
ND = Not Detected  
Detection limit = 10ppm

Tested Components: See component list in the last section of this report.

Date Sample Received: 07 Jul, 2022  
Testing Period: 07 Jul, 2022 To 10 Jul, 2022

4 Total Cadmium (Cd) Content on Substrate Material

As per client's request, , test method(s) CPSC-CH-E1002-08.1(Mod.) and/or CPSC-CH-E1001-08.1(Mod.) was/were used and total cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Sample / Component	Result (ppm)	Requirement (ppm)
(4) to (10)	ND	40

Remark: ppm = Parts per million = mg/kg  
ND = Not Detected  
Detection limit = 5 ppm

Tested Components: See component list in the last section of this report.

Date Sample Received: 07 Jul, 2022  
Testing Period: 07 Jul, 2022 To 10 Jul, 2022

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To be continued



Test Report

Number: SHAH01237712

Tests Conducted

5 Total Lead (Pb) Content

As per Illinois Lead Poisoning Prevention Act 410 ILCS 45 section 6 (Public Act 095-1019), acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Sample/ Component</u>	<u>Result in %</u>
(11) to (16)	<0.001

Requirement:

The total Lead content shall not exceed 0.009% for surface coating and 0.01% for non-surface coating material (substrate) in accordance with the Consumer Product Safety Improvement Act of 2008 (CPSIA).

Remark: % = Percentage based on dry weight of testing sample

Examination of warning statement on children products:

Requirement: According to Illinois Lead poisoning prevention act 410 ILCS 45 section 6 (Public Act 095-1019), appropriate warning statement is required when the Lead content of the submitted sample IS more than 0.004% but less than 0.009%/0.01% by total weight or a lower standard for Lead content as may be established by federal or state law or regulation.

Tested Components: See component list in the last section of this report.

Date Sample Received: 07 Jul, 2022

Testing Period: 07 Jul, 2022 To 10 Jul, 2022

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To be continued



Test Report

Number: SHAH01237712

Tests Conducted

6 Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate)

With reference to standard operating procedures for determining total Lead (Pb) in children's products, test method(s) CPSC-CH-E1002-08.1 and/or CPSC-CH-E1001-08.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Sample/Component	Result (ppm)	Requirement (ppm)
(1)	<10	90
(2)	<10	90
(4) to (10)	<10	90

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 07 Jul, 2022

Testing Period: 07 Jul, 2022 To 10 Jul, 2022

7 Total Lead (Pb) Content In Surface Coating

As per standard operating procedure for determining Lead (Pb) in paint and other similar surface coatings (April 26, 2009), test method CPSC-CH-E1003-09 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Sample/ Component	Result (ppm)	Limit (ppm)
(11) to (16)	<20	90

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 07 Jul, 2022

Testing Period: 07 Jul, 2022 To 10 Jul, 2022

\*\*\*\*\*  
To be continued



Test Report

Number: SHAH01237712

Tests Conducted

8 Phthalate Content

With reference to CPSC-CH-C1001-09.3 and by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	Result (% w/w)			Limit (% w/w)
	(4+5+6)	(7+8)	(9+10)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	--

	Result (% w/w)		Limit (% w/w)
	(11+12+13)	(14+15+16)	
Dibutyl phthalate (DBP)	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	--

Remark: The above limit was quoted from the Consent Judgment No. CGC-09-485784 & CV-230462 settled by superior court of the State of California for the county of San Francisco & Marin, for Stationery based on the California Proposition 65.

ND = Not Detected  
Detected Limit = 0.01%(w/w)

Tested Component(s): See component list in the last section of this report

Date Sample Received: 07 Jul, 2022

Testing Period: 07 Jul, 2022 To 10 Jul, 2022

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To be continued



Test Report

Number: SHAH01237712

Tests Conducted

9 Total Lead (Pb) Content

With reference to US EPA method 3050B/3051, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Components	Result (ppm)	Requirement (ppm)
(4) to (16)	<10	100

The above limit was quoted from the Consent Judgement No. CGC-09-485784, settled by superior court of the state of California for the County of San Francisco, for Stationery based on the California proposition 65.

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 07 Jul, 2022

Testing Period: 07 Jul, 2022 To 10 Jul, 2022

10 Total Lead (Pb) Content

With reference to US EPA method 3050B and 6010B, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Components	Result (ppm)	Requirement (ppm)
(1)	<10	100
(2)	<10	100

The above limit was quoted from the Consent Judgement No. RG-459448 & RG-527198 & RG- 580915 , settled by superior court of the state of California for the County of Alameda, for Bags-Tote Bag based on the California proposition 65.

Remark: ppm = Parts per million = mg/kg

Tested Components: See component list in the last section of this report.

Date Sample Received: 07 Jul, 2022

Testing Period: 07 Jul, 2022 To 10 Jul, 2022

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To be continued



Test Report

Number: SHAH01237712

Tests Conducted

Components:

- (1) White fabric with black printing(bag).
- (2) White woven fabric with black printing(sewn-in label).
- (3) Red strap.
- (4) White plastic(marker).
- (5) Orange plastic(marker).
- (6) Hot-pink plastic(marker).
- (7) Red plastic(marker).
- (8) Dark green plastic(marker).
- (9) Yellow plastic(marker).
- (10) Blue plastic(marker).
- (11) Orange ink(marker).
- (12) Hot-pink ink(marker).
- (13) Red ink(marker).
- (14) Dark green ink(marker).
- (15) Yellow ink(marker).
- (16) Blue ink(marker).
- (17) White fiber(nib).

\*\*\*\*\*

End of report

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G91236

Test Report

No. A210225023001

Date: Jul 26, 2022

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14F ROOM 8 ,EAST BUILDING , SCIENCE AND TRADE CENTER, 100 XIANGYUN ROAD, NATIONAL HI-TECH ZONE,
NINGBO, CHINA 315103

Sample Description: STOCKING COLOR YOUR OWN W/3 MARKERS 3AST DESIGN
Color: / Buyer: HOBBY LOBBY
Order No.: PO#80103 Supplier: /
Style No.: / Exported to: USA
Content: / Product End Use: /
Age Group: / Contact Information: /
Sample Receive Date: Jul 25, 2022 Report Date: Jul 26, 2022
Test Period: From Jul 25, 2022 to Jul 26, 2022

SUMMARY OF TEST RESULTS

Table with 3 columns: TEST REQUESTED, CONCLUSION, REMARK. Rows include Phthalates Content and Total Lead Content tests, both with a PASS conclusion.

Signed for and on behalf of
Anrray Testing And
Certification(Guangdong) Co., Ltd.

Handwritten signature of Tony Tang

Tony Tang Manager, Chemical Lab

www.anrraytest.com

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# Test Report

No. A210225023001

Date: Jul 26, 2022

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## RESULTS:

Sample Item	Sample Description	Location	Style
I001	Red fabric	Sock	-
I002	Black printed white fabric	Sock	-
I003	Red plastic	Body of colour pen	-
I004	Pink plastic	Body of colour pen	-
I005	Green plastic	Body of colour pen	-

**Phthalates Content in Children's Toys and Child care Articles (Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108 Prohibition on Sale of Certain Products Containing Specified Phthalates Content)**

Test Method : U. S. CPSC-CH-C1001-09.4 and then analyzed by Gas Chromatograph Mass Spectrometer.

Analyte	Requirement (%w/w)	Result(%w/w)
		Test Item(s)
		I003+I004+I005
Di-(2-ethylhexyl) phthalate (DEHP)	0.1	ND
Dibutyl phthalate (DBP)	0.1	ND
Benzylbutyl phthalate (BBP)	0.1	ND
Di-isononyl phthalate (DINP)	0.1	ND
Diisobutyl phthalate(DIBP)	0.1	ND
Dicyclohexyl phthalate(DCHP)	0.1	ND
Di-n-pentyl phthalate(DNPP)	0.1	ND
Di-n-hexyl phthalate(DNHP)	0.1	ND
<b>Conclusion</b>	-	<b>PASS</b>

Note / Key : ND = Not detected(<Detection Limit)    Detection Limit(%w/w) : 0.005    U. S. = United States  
 mg/kg = milligram per kilogram = ppm = part per million    10 000 mg/kg = 1 %    % = percent

Remark: Tested part(s) was/were specified by client.  
 Composite testing(s) was/were specified by client.

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### Test Report

No. A210225023001

Date: Jul 26, 2022

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**RESULTS:**

**Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)**

Test Method : CPSC-CH-E1002-08.3, and then analyzed by Inductively Coupled Plasma Spectrometry.

**Maximum Allowable Limit : 100 mg/kg**

Test Item(s)	Result	Unit	Conclusion
	Total Lead (Pb)		
I001+I002	ND	mg/kg	PASS

Note/Key : ND = Not detected(<Detection Limit)      Detection Limit (mg/kg) : 5  
 mg/kg = milligram per kilogram = ppm = part per million      10 000 mg/kg = 1 %    % = percent

Remark:      Tested part(s) was/were specified by client.  
                  Composite testing(s) was/were specified by client.

**SAMPLE PHOTO:**



\*\*\* End of Report \*\*\*

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