

302-14
Buttons/Plastic Notions

PERFORMANCE	TEST METHOD	REQUIREMENT
INITIAL PACKAGE / FULL PACKAGE		
Physical Properties		
Center Thickness (Buttons)	Caliper Measure	Report actual measurement
Ligne Size/Holes (Buttons)	Caliper Measure	Report actual measurement
Sharp Points/Sharp Edges	CPSC 16 CFR 1500.48-49	No sharp points or sharp edges - Refer to Product Safety Policy
Appearance Retention		
Appearance Retention after Laundering and Dry Cleaning	AATCC/ASTM TS-008 Modified Tide ® Powder Detergent	No noticeable loss of color or coating No cracking or splitting Color Change: Grade 4 min. Staining: Grade 3 min.
Strength & Durability		
Attachment Strength Pull Test	16 CFR 1500.51-53 Pt. F modified (Saf Q)	REQUIREMENT: No detachment at 20 lbs. DATA ONLY: Report the point at which the trim fails, or if there is no detachment at 50 lbs.
Unclasping Force	ASTM D7142, Option 2 (SAFQ) Note: Clamp the hook and eye part of clasp close to the clasps, so the force applied directly falls on the trim. To best possible extent, exclude fabric/strap material in the test area.	Report: Force required to unclasp the hook and eye part of the clasp in pounds in the Original State & after 150 manual clasps/unclasps Acceptable range: 0.5 lbs-1.2 lbs. *Anything outside of this range, mark as a fail*
ADDITIONAL COLORWAY TESTING		
Appearance Retention after Laundering and Dry Cleaning	AATCC/ASTM TS-008 Modified Tide ® Powder Detergent	No noticeable loss of color or coating No cracking or splitting Color Change: Grade 4 min. Staining: Grade 3 min.
REQUIRED WHERE APPLICABLE AT ADDITIONAL COST		
Corrosion Resistance (Metal Only)	Kohl's TM-6 Option A	No corrosive oxidation or discoloration
Formaldehyde	Kohl's TM-5 (only for 4 years and up)	Negative, If Spot Test is Positive, proceed with step 2
	JIS L 1041:2000 – Sec. 5.3.1 (2) Method B, JIS Water Extraction Method	Children over 5T & Adults = 75 ppm max. Children's 0-5T = 20 ppm max.
Nickel Content (Metal Only)	Kohl's TM-18	Negative
TOXICOLOGY TESTING – REQUIRED WHERE APPLICABLE AT ADDITIONAL COST		
Lead Content in Surface Coating - Scrapeable in each color*	CPSC-CH-E1003-09.1	Children & Adult Products ≤ 90 ppm (0.009% total weight) Refer to Kohl's Product Safety Policy for additional requirement on Composite Testing
Total Lead in Substrate Material*	CPSC-CH-E1002-08.1/ CPSC-CH-E1001-08.1	Children of ALL ages & Adult Products - Accessible components in each part/ material ≤ 90 ppm (0.009% total weight) Refer to Kohl's Product Safety Policy for additional requirement on Composite Testing
Phthalates in each plasticized part/material such as PVC, Vinyl*	CPSC-CH-C1001.09.3	Applies to ALL Children's Products ≤ 1000 ppm max (0.1% max total) BBP, DBP, DEHP, DINP, DIDP, DNOP ≤ 1000 ppm max (0.1% max each individual) DCHP, DIBP, DnHP/DHEXP, DPP/DPENP ALL Adult products ≤ 1000 ppm max (0.1% max total) BBP, DBP, DEHP, DINP, DIDP, DNOP ≤ 1000 ppm max (0.1% max each individual) DCHP, DIBP, DnHP/DHEXP, DPP/DPENP Refer to Kohl's Product Safety Policy for additional requirement on Composite Testing

Soluble Heavy Metals* Applies to Children's Toys	ASTM F 963-17	Children's Toys = Defined as a consumer product designed or intended by the manufacturer for a child, for use by the child when the child plays. Required for children's toys of ALL ages Mercury – 60 ppm Barium – 1000 ppm Antimony – 60 ppm Cadmium – 75 ppm Arsenic – 25 ppm Chromium – 60 ppm Selenium – 500 ppm Lead – 90 ppm								
Lead, Cadmium and Phthalate* Applicable to children product including: - Child car seats - Clothing - Cosmetics for children under the age of 12 - Jewelry for children under the age of 12 - Products to help a child with sucking or teething, to facilitate sleep, relaxation, or the feeding of a child	Lead and Cadmium EPA SW 846 Method # 3050B/3051 (Mod.) / CPSCCH-E1003-09.1/ CPSC-CHE1002-08.1 / CPSC-CHE1001-08.1 Phthalate CPSC-CH-C1001-09.3	Washington Children's Safe Products Act ≤ 90 ppm (Lead) ≤ 40 ppm (Cadmium) ≤ 0.1% max total (BBP, DBP, DEHP, DINP, DIDP, DNOP) ≤ 0.1% max each individual (DCHP, DIBP, DnHP/DHEXP, DPP/DPENP) Note: Actual test would be performed on below suggested accessible materials. <table border="1" data-bbox="881 590 1433 695"> <thead> <tr> <th>Substances</th> <th>Suggested Materials</th> </tr> </thead> <tbody> <tr> <td>Lead</td> <td>Follow CPSC lead</td> </tr> <tr> <td>Cadmium</td> <td>Follow CPSC lead</td> </tr> <tr> <td>Phthalates</td> <td>Coating and Plasticized materials</td> </tr> </tbody> </table> The Washington standard cannot be enforced for products to which a federal standard applies.	Substances	Suggested Materials	Lead	Follow CPSC lead	Cadmium	Follow CPSC lead	Phthalates	Coating and Plasticized materials
Substances	Suggested Materials									
Lead	Follow CPSC lead									
Cadmium	Follow CPSC lead									
Phthalates	Coating and Plasticized materials									

(*) asterisk= ALL COLORWAYS MUST BE TESTED

ALL COMPONENTS MUST BE TESTED FOR TOXICOLOGY

Minimum Sample Size Necessary for Testing

Initial Package:

Children's: 40 pieces on fabric, 150 loose components

Adults: 40 pieces on fabric, 40 loose components

Additional Colorway:

Children's: 25 pieces on fabric, 150 loose components

Adults: 25 pieces on fabric, 20 loose components

Toxicology Testing

Consult with approved lab for the number of samples

Applicant is to select appropriate number of fabric layers based on end use application.

****Please refer to Kohl's preferred third party labs for individual and optional testing pricing**

Turn Around Time = 6 working days

PROTOCOL VERSION	DESCRIPTION OF CHANGE	DATE REVISION / APPROVED BY
301-1	<ol style="list-style-type: none"> 1. Corrosion Resistance Test – Changed test method option to Option A 2. Attachment Strength Test – Changed equipment to Safe Q. 4. Lead Content for Scrapable Surfaces – Changed requirement from 600 ppm to 90 ppm. 5. Added – Lead Content Total Substrate, Heavy Metal Content and Phthalate test for children's products 6. Appearance Retention – Changed test method to AATCC/ASTM TS-008 Modified. 	Nov. 2008/Ro Jain
301-2	<ol style="list-style-type: none"> 1. Added – Toxicology testing statement 2. Updated – Test Method of Total Lead in Substrate Material 3. Updated – Test Method of Lead Content in Surface Coating- Scrapeable in each color 4. Updated – Test method for Phthalates, added DNHP and applies to all children's products. 5. Modified – Number of trim components needed for testing 	Nov. 2009/Ro Jain
301-3	<ol style="list-style-type: none"> 1. KAR Test – Added "Ultra" to Tide Detergent. 2. Corrosion Resistance – Changed test method from Intertek Method USA 442 Modified-Option A to Kohl's TM-6. 3. Nickel Content – Changed test method from Intertek Method USA 443 to Kohl's TM-18. 4. Lead in Surface Coating – Updated method to CPSC-CH-E1003-09.1. Added Adult requirement, <90 ppm. 5. Total Lead Substrate – Updated method to CPSC-CH-E1002-08.1/CPSC-CH-E1001-008.1. 6. Phthalates – Updated method to CPSC-CH-C1001-09.3. Added Adult requirement, <1000 ppm. 7. Heavy Metals – Updated method to ASTM F963-08. 	Nov. 2011/Amy Her
301-4	<ol style="list-style-type: none"> 1. Lead in Substrate test – Starting Spring 2013, test is required on Adult products. 2. Toxicology tests required on both Children & Adult products. 	Sept. 2012 / Vinoth Deenadayalan
301-5	<ol style="list-style-type: none"> 1. Removed "starting spring 2013" statement 2. Added "coatings shall be tested" statement to the Phthalates test 3. Heavy Metals – updated test method to ASTM F963-11 	March 2013 / Vinoth Deenadayalan
302-7	1) Removed pricing for testing/took out Intertek/added approved lab statement	October 6th 2014/Nov. 31 2014/Leah Gross-Hutchison
302-8	1) Added Formaldehyde	December 4th 2014 Michelle Zydek
302-9	<ol style="list-style-type: none"> 1) Added ASTM D7142, Option 2 (SAFQ) - Unclasping Force 2) Updated phthalates testing 3) Updated Soluable Heavy Metals requirement version number 	October 2018- Jackie Deppisch
302-10	1) Updated Attachment Strength req to 25 lbs	June 2019- Jackie Deppisch
302-11	1) Updated Attachment Strength requirement to 20 lbs	August 2019 - Becky Becker
302-12	<ol style="list-style-type: none"> 1) Removed Ultra from Tide in Appearance Retention TM 2) Updated children to 5T for Formaldehyde TM 3) Updated Lead Content requirements 4) Updated Total Lead in Substrate material 5) Added Washington State requirements 	March 2020/Charlene Swanson
302-13	<ol style="list-style-type: none"> 1. Updated Clasping/Unclasping requirements 2) Removed "Plastic" from buttons 	October 2020/ Jackie Deppisch
302-14	1) Updated Total Lead in Substrate to have a requirement of 90 ppm instead of 100 ppm, per labs recommendation/MN Law. Added ADULTS to the requirement as well.	January 2025/ Jackie Deppisch