

<b>Protocol 910-21</b>		
<b>Rubber/Foam/Vinyl Bath Mat</b>		
Performance Test	Test Method	Requirement
<b>Initial Package</b>		
<b>Label Verification</b>		
<b>**PLEASE NOTE: THIS DOES NOT INCLUDE TERRY OR FABRIC BATH MATS**</b>		
Label Review	Care Labeling 16 CFR 423  16 CFR 300/ 19 CFR 134  Textile Fiber Products Identification Act 16 CFR 303  Wool Products Labeling Act	<b>Verify Information on TRF matches the label</b>  Fiber content, Care, Country of Origin, Manufacturers Registration Number, Wool Products Registration Number must meet Federal Standards  If labeling or packaging is not attached to product, artwork must be provided
Tracking Label:  <b>Children's product: ALL ages</b>	Consumer Product Safety Improvement Act of 2008 (CPSIA)  SEC. 103	<b>Refer to Kohl's Tracking Label Section in the Labeling Guideline Policy. Following information must be provided:</b> Retailer's Name (Kohl's) Style Number/Name Factory Number Date (Month/Year)
Adult Tracking Label: <i>**If space limitations exist, contact Kohl's Quality Assurance &amp; Product Integrity teams to discuss minimum required information (quality.assurance@kohls.com, product.integrity@kohls.com). **</i>	Kohl's Requirement	<b>TO BE MARKED AS PASS/FAIL</b> <b>Can be included on packaging when necessary:</b> Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #
Packaging Review  Actual packaging or artwork must be provided	FPLA/UPLR 16 CFR 500 & 19 CFR 134	Should be legibly marked with the following information and verified: • Distributor's name, trademark or other means of identification of the manufacturer or packer and address (City, State, Zip) • Product identification • Net quantity of the contents in terms of weight, measure or numerical count (metric & US standard) or a combination so as to give accurate information and facilitate value comparison by the consumer (if applicable) • Country of origin (if imported) • Product size (if applicable) <b>Refer to Kohl's FPLA/UPLR guideline</b>
Performance Claims for Home Textile Products (1000)	Refer to Protocol 1000	All samples shall be reviewed against the requirements of the Performance Claims for Home Textile Products Protocol to determine if additional testing or labeling is required
Softlines Regulatory Supplemental Protocol	Refer to Protocol 501	All samples shall be reviewed against the requirements of the Softlines Regulatory Supplemental Protocol to determine if additional testing or labeling is required.
<b>Physical Properties</b>		
Flammability	16 CFR 1500.44 (Horizontal Burning)	Shall be ≤0.1 in/s. (Exempt items wholly/mainly made of paper)
Vinyl Flammability	16 CFR 1611	Should not exceed 1.2 inch/sec
Product Size	Kohl's TM-8	If claimed on packaging: +3% max -0% max If not claimed on packaging: Report Actual
<b>Analytical</b>		
Formaldehyde – Adults & children over 5T	Kohl's TM-5  JIS L 1041:2011 – Sec. 8.1.3 & 8.1.4 Method A or B	Negative, If Spot Test is Positive/inconclusive, proceed with step 2  Children <b>over 5T</b> & Adults = 75 ppm max.

Formaldehyde - Children's 0-5T	JIS L 1041:2011 – Sec. 8.1.3 & 8.1.4 Method A or B	Children's 0-5T = 20 ppm max.
pH Value	AATCC 81	All colorways: 5.0-8.0 (No Tolerance)
CA Prop 65* (if applicable)	Refer to protocol 1300	All samples shall be reviewed against the requirements of California Prop 65
Tech Pack Verification* (Needs to be provided - Lab HOLD if not provided) (Devgiri Only)	Visual Check	Verify all claims mentioned in Tech Pack file
<b>Construction &amp; Workmanship</b>		
Sharp Points & Sharp Edges*	16 CFR 1500.48 / 1500.49 (Mod.)	Shall have not sharp points/edges, other than those required for function.
Material Type	FTIR Screening	Shall be as labeled
<b>Performance</b>		
Puncture/Tear Resistance	Kohl's TM-13	Must not tear or puncture at a min of 10 lbs.
<b>Colorfastness</b>		
Colorfastness to Crocking (if applicable)	AATCC 8/116	<u>All fabrics/dyes (except listed below):</u> Dry - Grade 4 min Wet - Grade 3 min  <u>Pigment Dyed/Printed, Direct Dye, Vat Dye, Sulfur, Lightly Brushed, Piled, Indigo:</u> Dry - Grade 3.5 min Wet - Grade 2 min
Colorfastness to Water (if applicable)	AATCC 107	Shade Change           Grade 4 min. Self-Staining           Grade 4 min. Staining                 Grade 4 min.
Rug Back Staining on Vinyl Tile (if applicable)	AATCC 137	Staining                 Grade 4 min.
<b>Performance Test</b>	<b>Test Method</b>	<b>Requirement</b>
<b>OPTIONAL TESTING – (Required where applicable at additional cost)</b>		
Skid Resistance	ASTM F609 (Modified) (for wet state – apply product on dry surface)	Min 0.5 C.O.F dry Min 0.4 C.O.F. wet (soap) at 1 PSI on glass surface
Cleanability	Kohl's TM-12	Shall be easy to clean and withstand 5 machine washings
Stain Resistance *	Kohl's TM-14	Shall withstand soap, shampoo, oil and lotion without staining.
Effects of Extreme Temperature & Humidity (If applicable)	Kohl's TM-15 & Kohl's TM-16	Conditioning samples for 16 hours at 0°F and 8 hours at 120°F/95%RH – no failure
Resistance of Synthetic Polymeric Materials to Fungi Note: Applicable to polymeric or hydrophobic materials only	ASTM G21-15	Shall be rated as 0-No mold growth for products with “anti-microbial” and/or “anti-fungal” claims.
<b>OPTIONAL TESTING – TOXICOLOGY TESTING (Required where applicable at additional cost)</b>		
Lead Content in Surface Coating – Scrapeable in each color *	CPSC-CH-E1003-09.1	Children & Adult Products <90 ppm (0.009% total weight)
Total Lead in Substrate Material *	CPSC-CH-E1002-08.3/ CPSC-CH-E1001-08.3	Children's of ALL ages - Accessible components in each part/material <100 ppm (0.010% total weight)

Phthalates in each plasticized part/material such as PVC, Vinyl*	CPSC-CH-C1001.09.3	<p><b>Applies to ALL Children's Products</b></p> <p>≤ 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</p> <p><b>ALL Adult products</b></p> <p>≤ 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</p>								
Soluble Heavy Metals *  Applies to Children's Toys	ASTM F 963	<p>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</p> <p>Mercury - 60 ppm                      Barium - 1000 ppm  Antimony - 60 ppm                      Cadmium - 75 ppm  Arsenic - 25 ppm                      Chromium - 60 ppm  Selenium - 500 ppm                      Lead - 90 ppm</p>								
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	<p>Lead and Cadmium  EPA SW 846  Method # 3050B/3051 (Mod.) / CPSCCH-E1003-09.1/ CPSC-CHE1002-08.1 / CPSC-CHE1001-08.1</p> <p>Phthalate  CPSC-CHC1001-09.3</p>	<p>Washington Children's Safe Products Act</p> <p>≤ 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</p> <p>Note: Actual test would be performed on below suggested accessible materials.</p> <table border="1" data-bbox="727 953 1395 1083"> <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 &amp; Plasticized materials</td> </tr> </tbody> </table> <p>The Washington standard cannot be enforced for products to which a federal standard applies.</p>	Substances	Suggested materials	Lead	Follow CPSC lead	Cadmium	Follow CPSC lead	Phthalates	Coating & Plasticized materials
Substances	Suggested materials									
Lead	Follow CPSC lead									
Cadmium	Follow CPSC lead									
Phthalates	Coating & Plasticized materials									
(*) asterisk = ALL COLORWAYS MUST BE TESTED										
<p><b>Minimum Sample Size Necessary for Testing</b></p> <p><u>Initial Package</u>  4 finished products</p> <p><u>Toxicology Testing</u>  Consult with Testing Lab for the number of samples</p>	<p><b>Pricing</b></p> <p>Please refer to Kohl's preferred third party labs for individual pricing.</p> <p>Turn Around Time = 7-10 working days</p>									
PROTOCOL REVISION	DESCRIPTION OF CHANGE	DATE REVISION/								

910-1	<ol style="list-style-type: none"> <li>1) Label Review – Added 16 CFR 300, 19 CFR 134. Lab is required to verify information on TRF and match to label submission.</li> <li>2) Added Tracking Label Review on Children’s Products.</li> <li>3) Dimensions Test – Changed method from Actual Measurement to Kohl’s TM-8.</li> <li>4) Material Type test – Changed method from Visual Observation to Kohl’s TM-10.</li> <li>5) Puncture/Tear Resistance Test – Changed from Intertek # M0029 to Kohl’s TM-13.</li> <li>6) Skid Resistance Test – Clarification: For wet state, apply product on a dry surface.</li> <li>7) Clean ability Test – Changed method from Actual Use to Kohl’s TM-12.</li> <li>8) Stain Resistance Test – Changed method from Intertek # M0014 to Kohl’s TM-14.</li> <li>9) Lead Surface Coating – Corrected method from 16 CFR 1303 to CPSC-CH-E1003-09. Also, added requirement for Adult products.</li> <li>10) Lead Substrate – Corrected method from EPA 3050B or EPA 3051 to CPSC-CH-E1002-08/CPSC-CH-E1001-08.</li> <li>11) Phthalates – Corrected method from ASTM D3421 to CPSC-CH-C1001.09.2. From Fall 2012, phthalates will apply to adult products as well.</li> <li>12) Heavy Metals – Corrected method from ASTM F 963-07 to ASTM F 963-08.</li> <li>13) Effects of Extreme Temperature &amp; Humidity Test – Changed method from Intertek # M0007 to Kohl’s TM-15 &amp; Kohl’s TM-16.</li> </ol>	August 2011/Amy Her
910-3	<ol style="list-style-type: none"> <li>1) Added packaging review</li> <li>2) Updated test method to FTIR test for the material type test</li> <li>2) Added pH testing to initial testing</li> <li>3) Updated test method for toxicology tests</li> <li>4) Changed dimensions to product size and updated requirement</li> </ol>	January 2014/Kristi Sachs
910-4	<ol style="list-style-type: none"> <li>1) For packaging review added that artwork can be submitted as well as updated the product size to be if applicable</li> </ol>	September 2014/Jackie Deppisch
910-5	<ol style="list-style-type: none"> <li>1) Removed pricing from protocol</li> </ol>	October 2014/Elaine Smaczniak
910-6	<ol style="list-style-type: none"> <li>1) Updated Mold Growth test to be most current test method</li> </ol>	November 2015/Jackie Deppisch
910-7	<ol style="list-style-type: none"> <li>1) Updated Protocol name to Rubber/ Foam/ Vinyl Bath Mat</li> </ol>	April 2016/ Becky Becker
910-8	<ol style="list-style-type: none"> <li>1. Updated format</li> <li>2. Update pH value to include whites and all other colorways</li> <li>3. Added Lead, Cadmium, and Phthalate testing for children</li> <li>4. Added Prop 65 testing</li> </ol>	November 2017/Charlene Swanson
910-9	<ol style="list-style-type: none"> <li>1) Added formaldehyde testing</li> <li>2) Updated phthalates requirements</li> </ol>	March 2018/Charlene Swanson
910-10	<ol style="list-style-type: none"> <li>1) Updated pH value to 5.0-8.0 (no tolerance)</li> <li>2) Updated phthalates for Washington State Law to include coated materials</li> <li>3) Updated Soluble Heavy Metals to ASTM F 963-17</li> </ol>	October 2018/Charlene Swanson
910-11	<ol style="list-style-type: none"> <li>1) Updated Washington State Law requirements</li> </ol>	December 2018/Charlene Swanson
910-12	<ol style="list-style-type: none"> <li>1) Updated Tracking Label to include Tracking Label requirements</li> </ol>	March 2019/Jackie Deppisch
910-13	<ol style="list-style-type: none"> <li>1) Updated Adult Tracking Label to be marked as DATA ONLY</li> </ol>	March 2019/Jackie Deppisch
910-14	<ol style="list-style-type: none"> <li>1) Updated phthalates testing requirements for max and individual totals</li> <li>2) Updated note at the top of protocol noting this is not for terry or fabric bath mats</li> </ol>	May 2019/Charlene Swanson
910-15	<ol style="list-style-type: none"> <li>1) Updated phthalates requirements for plasticized parts/materials and for the Washington Children’s Safe Products Act</li> </ol>	June 2019/Charlene Swanson

910-16	1) Added Tech Pack verification testing	December 2019/Charlene Swanson
910-17	1) Updated Adult Tracking Label to be REQUIRED	March 2020/ Jackie Deppisch
910-18	1) Added Colorfastness to crocking, colorfastness to water, and skid	December 2020/Charlene Swanson
910-19	1) Added Performance Claims for Home Textile Products (1000) line	March 2022/ Becky Becker
910-20	1) Added regulatory supplemental softlines protocol test line	November 2022/Charlene Swanson
910-21	Removed year from ASTM F963 test	Violet Nelson / Feb 2024