




PROTOCOL # 501-10

Softlines Regulatory Supplemental Protocol

SUPPLEMENT TO INITIAL PACKAGE

***ALL COLORWAYS MUST BE TESTED ON BELOW**

Performance Test	Test Method	Requirement
ANALYTICAL		
Phthalates in vinyl/PVC packaging and storage cases for bedding and/or bedding accessories <i>**Implemented 9/18/2018 – will do trial run for one year and access (9/18/2019)</i>	Davia Out of Court settlement 2017-06-15 & 2017-06-09 / Solvent extraction with GC-MS/LC-MS analysis /CPSD-AN-00108-MTHD	[Vinyl/PVC packaging and storage cases for bedding and/or bedding accessories] Product shall not contain more than 0.1% (1000 ppm) each of DEHP, DBP, DINP, DIDP, DnHP and BBP. Labelling is not allowed by the Consent Judgment. Reformulation of product is required. Note: - Actual testing would be conducted on all accessible plastic substrates (including natural and synthetic rubber) and surface coatings. - Vendor is responsible for compliance of all other materials.
Christmas stockings	EPA 3050B and 6010B NIOSH 9100	Lead: Each accessible component $\leq 0.01\%$ (100 ppm) And All accessible components $\leq 1.0 \mu\text{g}$ CGC-18-564284
Chromium VI in Leather Gloves	HG20064308 RG19045974	Chromium (Hexavalent Compounds): Cr(VI) Leather parts coming into contact with the skin with reference to EU REACH regulation $< 0.0003\%$ (3ppm) Method: Ageing per ISO 10195:2018 Method A2 and followed by EN ISO 17075 If tested POSITIVE, warning label must be included (with all the requirements of CA Prop label). Must be submitted for a retest to verify labeling, see test line Labeling in Chromium VI in Leather Gloves.

<p>Labeling in Chromium VI in Leather Gloves <i>(if Chromium VI is present)</i></p>	<p>Alameda Superior Court HG20064308 / Espinoza Settlement 2021-01357-9878 / Espinoza Settlement 2020-03008-9837</p>	<p>No testing is required.</p> <p>Leather gloves shall utilize a warning statement. This needs to be on the packaging or product and visible at the point of sale.</p> <p>Labeling Requirement:</p> <p> WARNING: This product can expose you to chemicals including chromium (hexavalent compounds), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.</p> <p>OR</p> <p> WARNING: This product can expose you to chemicals including chromium (hexavalent compounds), which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.</p>								
<p>Bisphenol-A (BPA) <i>For all sock types including slipper socks with fiber content of Polyester Spandex Blends</i></p>	<p>Extraction: 1 g sample/20 ml THF, sonication for 60 minutes at 60 degrees C, analysis with LC/MS</p>	<p>1 ppm</p> <p> WARNING: This product can expose you to chemicals including Bisphenol A which is known to the State of California to be a developmental and female reproductive toxicant. For more information go to www.P65Warnings.ca.gov.</p> <p>If product fails for BPA Warning may be an option. BPA failures should be reviewed with Kohl's PI/QA before warning is applied.</p>								
<p>TOXICOLOGY TESTING (required where applicable at additional cost)</p>										
<p>Lead Content in Surface Coating - Scrapeable in each color</p>	<p>CPSC-CH-E1003-09.1</p>	<p>Children & Adult Products ≤ 90 ppm (0.009% total weight)</p>								
<p>Total Lead in Substrate Material</p>	<p>CPSC-CH-E1002-08.3/ CPSC-CH-E1001-08.3</p>	<p>Children of ALL ages - Accessible components in each part/material ≤ 100 ppm (0.010% total weight)</p>								
<p>Phthalates in each plasticized part/material such as PVC, Vinyl *</p>	<p>CPSC-CH-C1001.09.4</p>	<p>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</p> <p>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</p>								
<p>Soluble Heavy Metals Applies to Children's Toys</p>	<p>ASTM F 963</p>	<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.</p> <p>Required for children's toys of ALL ages</p> <table border="0"> <tr> <td>Mercury - 60 ppm</td> <td>Barium - 1000 ppm</td> </tr> <tr> <td>Antimony - 60 ppm</td> <td>Cadmium - 75 ppm</td> </tr> <tr> <td>Arsenic - 25 ppm</td> <td>Chromium - 60 ppm</td> </tr> <tr> <td>Selenium - 500 ppm</td> <td>Lead - 90 ppm</td> </tr> </table>	Mercury - 60 ppm	Barium - 1000 ppm	Antimony - 60 ppm	Cadmium - 75 ppm	Arsenic - 25 ppm	Chromium - 60 ppm	Selenium - 500 ppm	Lead - 90 ppm
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</p> <p>Applicable to children product including:</p> <ul style="list-style-type: none"> - 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><u>Lead and Cadmium</u> EPA SW 846 Method # 3050B/3051 (Mod.) / CPSCCH-E1003-09.1/ CPSC-CHE1002-08.1 / CPSC-CHE1001-08.1</p> <p><u>Phthalate</u> CPSC-CH-C1001-09.4</p>	<p>Washington Children's Safe Products Act</p> <p>≤ 90 ppm (Lead) ≤ 40 ppm (Cadmium) ≤ 0.1% (BBP, DBP, DEHP, DIDP, DINP, DNOP, DnHP, DIBP, DnPP, DCHP) (individually or in combination)</p> <p>Note: Actual test would be performed on below suggested accessible materials.</p>								
		<table border="1"> <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>	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									
<p>The Washington standard cannot be enforced for products to which a federal standard applies.</p>										
<p>Flame retardants content - TDCPP and TCEP (No flame retardants allowed)</p>	<p>Solvent extraction, GC-MS or HPLC- MS analysis</p>	<p>All accessible and inaccessible polyurethane foam shall not contain any detectable level of Tris(2- chloroethyl) phosphate (TCEP-cas no 115-96-8) and Tris (1,3-dichloro-2-propyl) phosphate (TDCPP – cas no 13674-87-8), Report as: "Not Detected" if less than 5mg/kg</p>								
<p>Penta-BDE and Octa-BDE (banned) /Deca-BDE (proposed) (No flame retardants allowed)</p>	<p>Various State Laws of Maine, Illinois, Washington, etc.</p>	<p>Shall not exceed 0.1% by weight.</p>								
<p>Nickel Content – as per Kohl's safety policy</p>	<p>Kohl's TM-18</p>	<p>Negative</p>								
<p>Total Lead</p>	<p>Metal: CPSC-CH-E1001- 08.3 Non Metal: CPSC-CHE1002-08.3 Surface Coating: CPSC-CH-E1003-09.1</p>	<p>90ppm Minnesota 325E.3892 (HF 2310)</p> <p>Products preempted by federal & state law (e.g., CPSC, FDA, etc) are exempt from testing.'</p> <p>Product exemptions for CPSC (16 CFR 1500.91 (d) and (e), 16 CFR 1500.88 and 16 CFR 1252)</p>								
<p>Total Cadmium</p>	<p>Substrate & Surface Coating: EPA or ASTM method from AFIRM or CPSC methods</p>	<p>40ppm (children) Washington State CHCC</p>								
<p>Total Cadmium</p>	<p>Substrate & Surface Coating: EPA or ASTM method from AFIRM or CPSC methods</p>	<p>75ppm Minnesota 325E.3892 (HF 2310)</p> <p>Product Exemptions by federal & state law (e.g., CPSC, FDA, etc) are exempt from testing.'</p>								
<p>MECHANICAL CHILDREN SAFETY (required where applicable at additional cost)</p>										
<p>Torque Tests for Removal of Components (Children's of ALL ages)</p>	<p>ASTM F 963 (table 5)</p>	<p>16 CFR 1500. No safety hazards</p>								
<p>Tension Test for Removal of Components (Children's of ALL ages)</p>	<p>ASTM F 963 (Table 5)</p>	<p>16 CFR 1500. No safety hazards</p>								

Colorfastness to Saliva (0-36 months)	64 LFGB B82.92-3 Part 1	Staining Color Change	Grade 4.5 min Grade 4.5 min
Sharp Points & Sharp Edges	CPSC 16 CFR 1500.48 - 49	No sharp points or sharp edges - Refer to Product Safety Policy	
Small Parts	16 CFR 1501	No small part original and after torque and tension tests - Refer to CPSIA	
Drawstrings and/or Ties (Children's of ALL ages)	ASTM F 1816-97	Must Comply with Kohl's Safety Requirement where specified	

SUPPLEMENT TO INITIAL PACKAGE

***ALL COLORWAYS MUST BE TESTED ON BELOW**

Performance Test	Test Method	Requirement
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FLAMMABILITY TESTING (required where applicable at additional cost)

Flammability	16 CFR 1610 16 CFR 1615/1616	Class 1 Test non-exempt fabrics must be tested in every color Pass The supplier must keep all Children's Sleepwear test records and samples for a period of 7 years Refer to Children's Sleepwear SOP
Vinyl Flammability	16 CFR 1611	Should not exceed 1.2 inch/sec
Flammability <i>(small rugs with surface area less than 24 sq.ft)</i>	16 CFR 1631	Report Data, If test results fail must be labeled appropriately (Refer to Kohl's Labeling Guideline Policy) Flammable (Fails U.S. Department of Commerce Standard FF-2-70): Should not be used near sources of ignition
Flammability <i>(rugs larger than 6 feet)</i>	16 CFR 1630	Must Comply with Sec. 1630.3
Flammability <i>(mattress pads)</i>	16 CFR 1632.4-5 (FF 4-72, Amended)	2 inch char length maximum
Flammability <i>(sleeping bags)</i>	CPAI 75	Burn rate: < 6.0 inches/min & No individual specimen shall have a burn rate > 8.0 inches/min
Flammability <i>(includes chair pads)</i>	CA Technical Bulletin 117-2013 If not applicable from above, test ASTM D 1230	Shall meet requirements of TB 117-2013 Class 1

Please consult with lab for the number of samples.

Pricing: Please refer to Kohl's preferred third party labs for individual pricing

PROTOCOL VERSION	DESCRIPTION OF CHANGE	DATE REVISION/ APPROVED BY
501-1	1) Initial Launch	May 2019/Charlene Swanson
501-2	1) Added Chromium VI testing for leather gloves	Feb 2021 / Elizabeth
501-3	1) Added BPA testing for socks	October 2022/Charlene Swanson
501-4	1) Updated BPA testing for socks to clarify which sock types: For all sock types including slipper socks with fiber content of Polyester Spandex Blends	Dec 2022/ Elizabeth Armstrong

501-5	1) Updated CF to saliva to state 0-36 months, updated color change and staining requirements to be 4.5 minimum requirement 2) Updated Tension and Torque tests to have "Children of all ages" for the requirement	January 2023/Charlene Swanson
501-6	1) Added Christmas Stockings testing	May 2023/Charlene Swanson
501-7	1) Add MN lead & cadmium requirements	November 2023/Elizabeth Armstrong
501-8	1) Removed year from ASTM F963 test	Violet Nelson / Feb 2024
501-9	1) Added Labeling in Chromium VI in leather gloves 2) Updated Minnesota Law requirements for total lead and total cadmium	March 2024/Charlene Swanson
501-10	1) Updated Phthalates in each plasticized part/material such as PVC, Vinyl * test method to be most current	October 2024/Charlene Swanson