

**PROTOCOL # 426-D**

**Cooler/Insulated Bench (Serve as a bench when cooler is closed)**

Performance Test	Test Method	Samples	Requirement	Rating (Section or exec. Summary which failed items can be referenced)
<b>Initial Package</b>				
<b>Label Verification</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	All Samples	Should be legibly marked with the following information: -Distributor's name, trademark or other means of identification of the manufacturer or packer & 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 -Country of origin (if imported)	
EPA TSCA Title VI – Composite Wood - Sample Declaration Form and Mill Certificate (if applicable)	40 CFR 770	All Samples	If wood of any type is present in the sample, submitter shall provide a completed and signed Sample Declaration Form. Sections A, B, and E of the Sample Declaration Form must always be completed. • If regulated composite wood is not present in the sample, result is N/A. • If regulated composite wood is present in the sample: - Submitter shall provide a copy of the certificate issued by the Third Party Certifier (TPC) for the mill(s) from which the raw panels were purchased - All information on the certificate shall be consistent with the Sample Declaration Form - Section D of the Sample Declaration Form must also be completed Notes: • Include a copy of the Sample Declaration Form in the report • Regulated composite wood includes: - Hardwood plywood (HWPW) - Medium-density fiberboard (MDF) - Thin medium-density fiberboard (Thin MDF) - Particleboard (PB) • Mill certificate must indicate compliance with TSCA Title VI. It is no longer acceptable to have the certificate indicate compliance with CARB's ATCM for formaldehyde in lieu of compliance with TSCA Title VI.	
EPA TSCA Title VI – Composite Wood - Raw Panel Labeling (if applicable)	40 CFR 770.45(a)	All Samples	• Panels or bundles of panels must be labeled with the following: - The panel producer's name - The lot number - The number of the EPA TSCA Title VI Third Party Certifier (TPC) - A statement of compliance to denote that the panels comply with TSCA Title VI Notes: • A panel producer number may be used instead of a name to protect identity • Raw panels are regulated composite wood products that have not been used to create a finished good • The compliance statement must denote compliance with the TSCA Title VI. It is no longer acceptable to have the panel labeled as compliant with CARB's ATCM for formaldehyde in lieu of TSCA Title VI compliance statement.	
Formaldehyde Emission of Composite Wood Product - State of California (if applicable)	Airborne Toxic Control Measure (ATCM), California Code of Regulations, Title 17, § 93120	All Samples	Composite wood products include finished goods composed of or containing hardwood plywood (HWPW) made with either a combination core (CC) or a veneer core (VC), particleboard (PB), and medium-density fiberboard (MDF), or finished goods composed of such products made with no-added formaldehyde based (NAF-based) resins or ultra-low emitting formaldehyde (ULEF) resins, shall not release formaldehyde exceeding the regulatory limits.  In lieu of testing, valid certificate or test report or certificate can be submitted if dated within one year.	
Labeling of Composite Wood Product - Formaldehyde Emission - State of California (if applicable)	Airborne Toxic Control Measure (ATCM), California Code of Regulations, Title 17, § 93120	All Samples	Composite wood products include finished goods composed of or containing hardwood plywood (HWPW) made with either a combination core (CC) or a veneer core (VC), particleboard (PB), and medium-density fiberboard (MDF), or finished goods composed of such products made with no-added formaldehyde based (NAF-based) resins or ultra-low emitting formaldehyde (ULEF) resins, shall be labeled in accordance with the regulations and meet all applicable requirements.  In lieu of testing, valid certificate or test report or certificate can be submitted if dated within one year.	

Uniform Law Labels for Bedding & Upholstered Furniture	IABFLO	All Samples	<p>All filling materials must have a securely affixed label which contains the following information:</p> <p>The statement <b>"UNDER PENALTY OF LAW THIS TAG NOT TO BE REMOVED EXCEPT BY THE CONSUMER"</b>;</p> <p>A description of the filling contents preceded by the statement "ALL NEW MATERIALS consisting of ";</p> <p>The assigned state registration number*, for example in Pennsylvania, the number is preceded by the abbreviation REG. NO. PA; and</p> <p>The statement: Certification is made by the manufacturer that the materials in this article are described in accordance with the law.</p> <p>For animal or fowl or any other material requiring sterilization, the tag must also bear the following information:</p> <p>A permit number of the sterilizer, only if sterilized new material is used; and</p> <p>The statement "CONTENTS STERILIZED" (this is not acceptable in California).</p> <p>The statement of MADE BY (for manufacturer ) or MADE FOR (for importer or distributor) with full street address</p> <p>The statement of "Finished Size", "Net Weight of Filling Material", "Cover:" (client's requirement)</p> <p>The statement of country of origin. e.g. <b>MADE IN CHINA</b></p> <p>The tag must be constructed of white linen cloth or spun bonded olefin having a minimum size of 2in x 3in, and must be printed in black ink with a minimum type height of 1/8 inch (3.2 millimeters). Some states may require additional information such as DATE OF DELIVERY.</p>	
CA Technical Bulletin 117 Labeling (if applicable)	Visual Check	All Samples	<p>(a) Upholstered articles conforming to Section 1374 (a) shall have a label attached to the surface area of the article, in plain view, stating the following:</p> <p>Implement on and after January 1, 2015</p> <p>NOTICE THIS ARTICLE MEETS THE FLAMMABILITY REQUIREMENTS OF CALIFORNIA BUREAU OF ELECTRONIC AND APPLIANCE REPAIR, HOME FURNISHINGS AND THERMAL INSULATION TECHNICAL BULLETIN 117-2013. CARE SHOULD BE EXERCISED NEAR OPEN FLAME OR WITH BURNING CIGARETTES.</p> <p>(b) The following flame retardant chemical statement should be added on the bottom of CA Technical Bulletin 117 label. Implement on and after January 1, 2015 "The upholstery materials in this product: _____contain added flame retardant chemicals _____contain NO added flame retardant chemicals The State of California has updated the flammability standard and determined that the fire safety requirements for this product can be met without adding flame retardant chemicals. The state has identified many flame retardant chemicals as being known to, or strongly suspected of, A manufacturer of covered products shall indicate the absence or presence of added flame retardant chemicals by placing an X in one of the appropriate blanks.</p> <p>(c) Minimum size of the label shall be 2x3 inches and the minimum size of the type shall be one-eighth inch in height. All type shall be in capital letters. But the "flame retardants chemical statement" need not be in all capital letters.</p>	
Content Labeling for Leather	16 CFR 24.2	All Samples	<p>All disclosures described in this section should appear in the form of a stamping on the product, or on a tag, label, or card attached to the product, and should be affixed so as to remain on or attached to the product until received by the consumer purchaser. All such disclosures should also appear in all advertising of such products irrespective of the media used whenever statements, representations, or depictions appear in such advertising which, absent such disclosures, serve to create a false impression that the products, or parts thereof, are of a certain kind of composition. The disclosures affixed to products and made in advertising should be of such conspicuousness and clarity as to be noted by purchasers and prospective purchasers casually inspecting the products or casually reading, or listening to, such advertising. A disclosure necessitated by a particular representation should be in close conjunction with the representation.</p> <p>Note: As applicable to samples that are leather/ simulated leather</p>	
Instructional Literature /Assembly Instruction (Needs to be provided – Lab HOLD if not provided)	Visual Check	All Samples	<p>Information and instructions shall provide safe use, or proper assembly or both, and care instruction. Shall be legible and easy to read.</p>	<input type="checkbox"/> Provided <input type="checkbox"/> Verified <input type="checkbox"/> Not Provided
Verify Label Claims	Visual Check	All Samples	<p>The labeling must comply and valid with all claims.</p>	

Import Permit (For Natural Materials Only) If Applicable	US Department of Agriculture Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)	All Samples	Product shall not have prohibited materials present per US Department of Agriculture, Animal and Plant Health Inspection Service (APHIS), Plant Protection and Quarantine (PPQ)  Documentation and/ or proper permit(s) for specific product shall be supplied along with Testing Request form and samples.  Permit information may be found at: <a href="https://www.aphis.usda.gov/wps/portal/aphis/home/">https://www.aphis.usda.gov/wps/portal/aphis/home/</a>  It is the vendor's responsibility for the compliance to relevant requirements.	
Adult Tracking Label: **If space limitations exist, contact Kohl's Quality Assurance & Product Integrity teams to discuss minimum required information MR.QA.PI@kohls.com	Kohl's Requirement	All Samples	<b>Should be rated as pass/fail</b> Can be included on packaging when necessary: Kohl's Assigned Factory Number Manufacture Date (Month/Year) UPC #	
<b>Physical Characteristics</b>				
Overall Dimensions	Standard Measurement	1 Sample	Report actual. Shall meet label claims (If applicable).	
Overall Weight	Standard Measurement	1 Sample	Report actual. Shall meet label claims (If applicable).	
Nominal Capacity	With Reference to EN 12546-2 Clause 3.1	1 Sample	Report actual. Shall be within ± 5% for rigid insulated containers and ± 10% for flexible insulated containers.	
Material Type	Visual Check	1 Sample	Report actual. Shall meet label claims (If applicable).	
* Fiber Composition (If claimed)	AATCC 20 / AATCC 20A	20" x 20" per test	Single fiber: No tolerance; Blended fiber: +/- 3%.	
<b>Construction Qualities</b>				
Kohl's Workmanship Review	Visual Check / Actual Use	All Samples	<ul style="list-style-type: none"> <li>All components shall be provided as claimed and shall not be deformed or fractured.</li> <li>All hardware shall be provided</li> <li>All welds shall be smoothly finished and free from pits and splatter</li> <li>All components shall not contain any burrs or sharp edges (test by touch or sight)</li> <li>Product shall not contain any loose components or unsecured fastening where rigidity is required</li> </ul>	

Performance			
<i>For whole product</i>			
Functionality	Actual Use	All Samples	Shall function as intended as received.
Cyclic Test (For operable component)	Actual Use	1 Sample	Operable component shall withstand 100 times actual use cycles without failure or loss of functionality.
* Resistance to Corrosion (For metal component)	ASTM B117	1 Sample	Metal component shall withstand 24 hours in 5% salt spray (fog) with no major corrosion or visual change.
* Colorfastness to Light	AATCC 16.3 (20 AFU)	1 Sample	Shall withstand an impact of 50 ft-lb on center of bed with no structural failure
* Colorfastness to Crocking	AATCC 8 / 116	1 Sample	Loaded to 1.5 times of claimed maximum loading (if no claimed, load to full capacity) Horizontal force required to move the cart/ wagon shall not exceed 25 lb
* Colorfastness to Water	AATCC 107	1 Sample	Wheels shall be rolled easily on carpet surface and concrete surface. Report any finding.
Insulation Performance	With reference to EN 12546-2 Clause 3.2	1 Sample	Fill the insulated container to half of the nominal capacity with tap water at (5 ± 1) degree Celsius. Record the time taken for the temperature rises to 15 degree Celsius
Impact Resistance	With reference to EN 12546-2 Clause 3.3	1 Sample	Fill the insulated container with 0.25 kg of sand at (-5 ± 1) degree Celsius for every litre of nominal capacity. Drop it from (500 ± 50) mm height above concrete floor on its base and corners. Shall not exhibit more than superficial damage which does not impair its function.
* Handle Strength	With reference to EN 12546-2 Clause 3.4	1 Sample	Fill the insulated container with 0.5 kg of sand at (-5 ± 1) degree Celsius for every litre of capacity. Drop it vertically through 100 mm and instantly be arrested for 10 times. Handle and its attachment shall remain functional.
* Seepage Test (For discontinuous inner lining or seepage may occur between layers)	With reference to EN 12546-2 Clause 3.5	1 Sample	Fill the insulated container with colored water to 25% of nominal capacity. Shake up and down 25 times in (15 ± 1) s through (200 ± 50) mm. No traces of the colored water between inner container, insulant and outer protective case
Cleaning Test - Other than Dishwasher or Hand Wash	Actual Use	1 Sample	Follow the cleaning instruction as claimed, report any finding.
Resistance to leaking	Actual Use	1 Sample	[Cooler box] Should be no leakage when filled with water up to 8 hr.
<b>For the state as a seating (Multi Seater) Seating Length &gt; 32" (not including armrest):</b>			
Seat Static Strength	With reference to EN 1728 Section 6.4 (Mod.)	1 Sample	No structural failure –with distributed weight as following for 1 min. Simultaneously on both positions for an item with two seats. Simultaneously on two adjacent seats in most adverse combination for an item with three or more seats. If the most adverse position cannot be determined the test shall be carried out at a maximum of two locations. Test load: with claimed weight or 400lbs if not claimed per seat During the test, load the seat(s) that are not being tested with 163lbs Modification= Loading parameter change
Seat Dynamic Impact	With reference to ANSI/BIFMA X5.4 Section 14	1 Sample	A functional load applied once to each seating position shall cause no loss of serviceability. The test bag (225 lb) shall be raised 152 mm (6 in.) above the uncompressed seat and released one (1) time. Remove the bag and repeat setup and functional procedures for each remaining Modification= Loading parameter changed
Stability	With reference to ANSI/BIFMA X5.4 Section 21.5	1 Sample	A downward force shall be applied initially at 45° ± 5° to the test platform by attaching a strap, not to exceed 76 mm (3 in.) in width, centered over the front portion of the seat. The force shall be applied until the total unit weight is transferred to the front support members. The force shall not be less than 40% of the total unit weight.
<b>For the state as a seating (Single Seater) Seating Length &lt; 32" (not including armrest):</b>			
Seat Static Load	With reference to EN 1728 Section 6.4 (Mod.)	1 Sample	No structural failure – with claimed weight or 400 lbs if not claimed of distributed weight for 1 min. Modification= Loading parameter changed
Seat Dynamic Impact	With reference to ANSI/BIFMA X5.4 Section 14	1 Sample	A functional load applied once to each seating position shall cause no loss of serviceability. The test bag (225 lb) shall be raised 152 mm (6 in.) above the uncompressed seat and released one (1) time. Remove the bag and repeat setup and functional procedures for each remaining seating position. Modification= Loading parameter changed

Stability	With reference to ANSI/BIFMA X5.1 Section 12.4	1 Sample	Apply a vertical force of 135 lbs by means of the loading pad at a point 2.4 inch from the edge of the seat nearest the stopped feet. Apply a horizontal force of 4.5 lbf through the center of the seat in a direction towards the stopped feet. The unit shall not tip over. Modification = Scope expanded	
<b>PERFORMANCE (GENERAL SAFETY FOR ALL SEATING)</b>				
Drop Impact Test	Actual Use	1 Sample	Each end of the insulated box shall be raised to 10 inch height then drop once freely. Shall have no failure.	
*Cross-cut Adhesion (Plating & Surface Coating)	ASTM D 3359 (Mod.)	1 Sample	Cut 2 in. cross – hatch pattern on surface of plated and/or painted area. Plating and/or painted surface must remain affixed. Trace peeling or removal along incision or at their intersection is accepted. Modification = Scope expanded	
Loading Capacity (Applicable to tray or storage unit)	Actual Use	1 Sample	No loss of serviceability – distributed load, apply 1.5 times claimed load for the intended use or 100 lbs for one min.	
Handle Strength (if applicable)	Actual Use	1 Sample	No loss of serviceability – apply 1.5 times claimed load for the intended use or 100 lbs for one min.	
Lid Safety Feature	ASTM F 963 (Mod)	1 Sample	Lid-support mechanism shall be provided to prevent sudden collapse or dropping of the lid	
Drawer / Door / Hinge/ Lid Cycle Test	Actual Use	1 Sample	No loss of serviceability after 100 repeated open/close cycles	
Protective Caps On Legs	Visual Check / Actual Use	1 Sample	Shall be non-marring.	
Effects Of Extreme Temperature/Humidity	Kohl's TM 30	1 Sample	24 Hours @ 0° F (-18°C) and 24 Hours @ 95 RH/120° F (49°C). No failure.	
#Claim Verification (If Claimed)	Visual Check / Actual Use	1 Sample	All designs and features must conform to actual claim	Claim:
Tech Pack Verification (Needs to be provided – Lab HOLD if not provided)	Visual Check / Std. Measurement	1 Sample	Verify all claims mentioned in Tech Pack File	<input type="checkbox"/> Provided <input type="checkbox"/> Verified
<b>CALIFORNIA TECHNICAL BULLETIN 117</b>				
<b>*Cover Fabric</b>				
Section 1	C.T.B. 117-2013	1 Sample	(See attached test results / requirements)	
<b>* Barrier Materials:</b>				
Section 2	C.T.B. 117-2013	1 Sample	(See attached test results / requirements)	
<b>* Resilient Filling Material</b>				
Section 3	C.T.B. 117-2013	1 Sample	(See attached test results / requirements)	
<b>* Decking Material</b>				
Section 4	C.T.B. 117-2013	1 Sample	(See attached test results / requirements)	
<b>ANALYTICAL</b>				
Lead In Scrapable Surface Coating	CPSC-CH- E1003-09	1 Sample	≤ 90 ppm (0.009% by weight)  (CPSA – 16 CFR 1303)	
CA Prop 65	Refer to Protocol 1300	1 Sample	All samples shall be reviewed against the requirements of California Proposition 65 to determine if additional testing or labeling is required.	
PFAS Supplemental Protocol	Refer to Protocol 1600	All Samples	All samples shall be reviewed against the requirements of PFAS Supplement Protocol to determine if additional testing or labeling is required.	
*Toxicology (Plastics) (For Food Contact Part)	21 CFR 175/177	1 Sample	Must comply with applicable requirements of FDA.	
<b>PRICING AND ADDITIONAL NOTE:</b>				
<b>*Please refer to Kohl's preferred third party labs for individual pricing and sample size</b>				

Protocol Version	Description of Change	Revised by / Date	Approved By / Date
424-A	Initial Release	Elizabeth Armstrong May 17, 2016	Elizabeth Armstrong May 17, 2016
426-A	Changed protocol number from 424-A to 426-A	Elizabeth Armstrong April 12, 2017	Elizabeth Armstrong April 12, 2017
426-B	Updated CARB & EPA Labeling	Elizabeth Armstrong June 22, 2018	Elizabeth Armstrong June 22, 2018
426-C	Added EPA/CARB certification requirements, added adult tracking label, removed "not provided" from tech pack verification	Elizabeth Armstrong June 11, 2020	Elizabeth Armstrong June 11, 2020
426-D	Added PFAs supplement protocol test line	Charlene Swanson March 2022	Charlene Swanson March 2022