



**PROTOCOL # 413 - U**

**Bean Bag Chair**

| Performance Test   | Test Method   | Samples     | Requirement  | Rating<br>(Section or exec. Summary<br>which failed items can be<br>referenced) |
|--|---|-------------|--|---|
| <b>Label Verification</b>  |   |             |  |   |
| Label Review   | Care Labeling 16 CFR 423<br><br>16 CFR 300/ 19 CFR 134<br><br>Textile Fiber Products<br>Identification Act 16 CFR 303<br><br>Wool Products Labeling Act | All Samples | Should be legibly marked with the following information:<br>-Distributor's name, trademark or other means of identification of the manufacturer or packer & address (City, State & Zip)<br>-Product identification<br>-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<br>-Country of origin (if imported)  |   |
| "For Indoor Use Only" Label  | Visual Check  | All Samples | Must have "For Indoor Use Only" labeling on both instruction and on the product.   |   |
| <b>Cautionary Labeling</b><br>Signal word: ALL CAPS<br>Black lettering on orange background<br>Sans serif-type font, 18 point<br>Safety alert symbol:<br>Black triangle with an orange exclamation mark<br>Message text:<br>Black lettering on a white background<br>Sans serif-type font, 10 point<br>Minimum dimensions of label:<br>21/4 inches high and 41/2 inches wide | ASTM F 1912   | All Samples | Warning Label for Bean Bag Chairs with zippers that are not intended for refilling:<br><br>WARNING<br> Children can suffocate in the filling inside this chair.<br><br>Do not open this chair for any reason.<br><br>If this chair is damaged or opened, throw away the chair and its filling immediately where children cannot get it.<br><br>The label must be permanently attached to the Bean Bag Chair.  |   |
| <b>Cautionary Labeling</b><br>Signal word: ALL CAPS<br>Black lettering on orange background<br>Sans serif-type font, 18 point<br>Safety alert symbol:<br>Black triangle with an orange exclamation mark<br>Message text:<br>Black lettering on a white background<br>Sans serif-type font, 10 point<br>Minimum dimensions of label:<br>21/4 inches high and 41/2 inches wide | ASTM F 1912   | All Samples | Warning Label for Bean Bag Chairs with zippers that are intended for refilling:<br><br> WARNING<br>Children can suffocate in the filling inside this chair.<br><br>This bag should only be opened to replace the filling.<br><br>Do not leave bag open, children can crawl inside the bag and suffocate.<br><br>The label must be permanently attached to the Bean Bag Chair.  |   |
| Uniform Law Labels for Bedding & Upholstered Furniture   | IABFLO  | All Samples | All filling materials must have a securely affixed label which contains the following information:<br><br>The statement "UNDER PENALTY OF LAW THIS TAG NOT TO BE REMOVED EXCEPT BY THE CONSUMER";<br><br>A description of the filling contents preceded by the statement "ALL NEW MATERIALS consisting of";<br><br>The assigned state registration number*, for example in Pennsylvania, the number is preceded by the abbreviation<br>REG. NO. PA (the # symbol is not accepted); and<br><br>The statement: Certification is made by the manufacturer that the materials in this article are described in accordance with the law.<br><br>For animal or fowl or any other material requiring sterilization, the tag must also bear the following information:<br><br>A permit number of the sterilizer, only if sterilized new material is used; and<br>The statement "CONTENTS STERILIZED" (this is not acceptable in California).<br>The statement of MADE BY (for manufacturer ) or MADE FOR (for importer or distributor) with full street address<br>The statement of "Finished Size"," Cover:"<br>(client's requirement)<br>The statement of country of origin. e.g. MADE IN CHINA<br><br>The tag must be constructed of white linen cloth or spun bonded olefin having a minimum size of 2in x 3in (the length starts at the beginning of the word "UNDER" and ends at the country of origin on the bottom of the law label), and must be printed in black ink with a minimum type height of 1/8 inch (3.2 millimeters). |   |

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| 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, 2020</p> <p>NOTICE</p> <p>THIS ARTICLE MEETS THE FLAMMABILITY REQUIREMENTS OF CALIFORNIA BUREAU OF HOUSEHOLD GOODS AND SERVICES 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.</p> <p>"The upholstery materials in this product:</p> <p>____ contain added flame retardant chemicals</p> <p>____ contain NO added flame retardant chemicals</p> <p>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, adversely impacting human health or development."</p> <p>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>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> |  |
| Verify Label Claims   | Visual Check   | All Samples | The labeling must comply and valid with all claims.  |  |
| Labeling of Leather Fiber and Imitation Leather (if applicable) | 16 CFR 24  | All Samples | Leather fiber and imitation leather product shall meet all applicable requirements.  |  |
| Plastic Bag Warning Statement (if applicable)                   | Massachusetts – 105 CMR 630.000 / New York – 10 NYCRR § 12.12 / Rhode Island – R.I. Gen. Laws § 11-9-16 / California – Cal Bus & Prof Code § 22200 | All Samples | <p>Plastic bags with a thickness of less than one mil (0.001 inch), in which a diameter is 5 inches or greater (when formed into a circle) used as packaging or packaging article for domestic/household use (e.g. laundry bag, garbage bag) shall contain a warning statement similar (at a minimum should describe that there is a suffocation hazard, and how to avoid this hazard) to below, visible on both sides of each bag.</p> <p>Warning: To avoid danger of suffocation, keep this plastic bag away from babies and children. Do not use this bag in cribs, beds, carriages or playpens. This bag is not a toy.</p> <p>The warnings shall be printed clearly as to prevent the ink from smearing or upon a gummed label securely attached to the bag. It shall be contrasted by typography, layout or color from the contents of the bag and from other printed matter on the bag, if any.</p> <p>If the total length and width of the bag is more than 40 inches, the warning shall be repeated at 20 inches intervals. Except laundry bag, the font size of the warning must adhere to the chart listed below:</p> <p>Total Length and Width of Bag</p> <p>Size of Print</p> <p>60 inches or more at least 24 point</p> <p>40 to 59 inches at least 18 point</p> <p>25 to 39 inches at least 14 point</p> <p>Less than 25 inches at least 10 point</p>  |  |
| Warnings  | ASTM F1913-17 Section 4  | All Samples | Bean bag chair shall be attached with a permanent label as specified in ASTM F1912 Section 4.1 for bean bag chairs with zippers which are not intended for refilling and section 4.2 for bean bags chairs with zippers that are intended for refilling   |  |
| Labeling for Indoor Upholstered Furniture                       | 16 CFR 1640  | All Samples | <p>Upholstered seating furniture for indoor use shall be included the statement "Complies with U.S. CPSC requirements for upholstered furniture flammability" on a permanent label located on the product.</p> <p>For submissions rec'd before June 25, 2022 non compliance with this requirement will be rated as DATA</p> <p>For submissions rec'd on or after June 25 2022, non compliance will be rated as a FAIL</p>  |  |
| Flammability for Indoor Upholstered Furniture                   | 16 CFR 1640  | All Samples | <p>Upholstered seating furniture for indoor use shall comply with the flammability test specified by California Technical Bulletin 117-2013.</p> <p>For submissions rec'd before June 25, 2021 non compliance with this requirement will be rated as DATA</p> <p>For submissions rec'd on or after June 25 2021, non compliance will be rated as a FAIL</p>  |  |

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| CPSIA Tracking Label (Applicable To All Children's Products) | Visual Check              | All Samples | Kohl's Tracking label Requirements – Includes "Kohl's", the product style number or name, the manufacturer's factory number and the month and year the product was manufactured. Shall be permanently and distinguishably marked on the product.  |                  |
| <b>PHYSICAL CHARACTERISTICS</b>                              |                           |             |   |                  |
| Overall Dimension (LXWXH)                                    | Std. Measure              | 3 Samples   | Max. +5% / -0% of claimed dimension. Record actual data if there is no claim.   | Claim:<br>Actual |
| <b>CONSTRUCTION QUALITIES</b>                                |                           |             |   |                  |
| Kohl's Workmanship Review                                    | Visual Check / Actual Use | All Samples | -All components shall be provided as claimed and shall not be deformed or fractured.<br>-All hardware shall be provided<br>-All welds shall be smoothly finished and free from pits and splatter<br>-All components shall not contain any burs or sharp edges (test by touch or sight)<br>-Product shall not contain any loose components or unsecured fastening where rigidity is required<br>-Filling material shall be free of objectionable matter and contaminants |                  |
| #Claim Verification (If Claimed)                             | Visual Check / Actual Use | 1 Sample    | All designs and features must conform to actual claim   | Claim:           |

| FABRIC CONSTRUCTION   |   |          |   |  |
|---|---|----------|---|--|
| <b>Fabric Strength:</b>   |   |          |   |  |
| Length  | ASTM D5034                                | 1 Sample | Min. 50 lbs. / In.  |  |
| Width   | ASTM D5034                                | 1 Sample | Min. 50 lbs. / In.  |  |
| <b>Seam Strength:</b>   |   |          |   |  |
| Seam Strength:  | ASTM D1683                                | 1 Sample | Min. 30 lbs. / In.  |  |
| Seam Slippage   | ASTM D1683                                | 1 Sample | Min. 25lbs @ ¼ in slippage  |  |
| <b>Fabric Liner:</b>  |   |          |   |  |
| Construction  | Visual Check                              | 1 Sample | Product shall have fabric liner to hold the beans in the chair, Nylon textured thread shall not be used to sew the fabric liner, All seam closings of the fabric liner shall be back tacked   |  |
| Seam Strength   | 16 CFR 1500                               | 1 Sample | 15 lbs/10 Sec. No failure   |  |
| PERFORMANCE   |   |          |   |  |
| Flammability Of Solid   | 16 CFR 1500.44                            | 1 Sample | Burn rate<0.1"/sec.   |  |
| Flammability For Vinyl Material (if applicable)                   | 16 CFR 1611                               | 1 Sample | Shall not exceed 1.2 inch/second of average rate of burning   |  |
| Formaldehyde - For Textile (if applicable)                        | AATCC 112                                 | 1 Sample | Recommended for textile. Shall not exceed below limits.<br>Baby (up to 36 months of age): Not detected (< 16 ppm)<br>Direct contact with skin: 75 ppm<br>Without direct contact with skin: 300 ppm<br>Decoration material: 300 ppm  |  |
| Formaldehyde - For Leather (if applicable)                        | ISO 17226                                 | 1 Sample | Recommended for leather. Shall not exceed below limits.<br>Baby (up to 36 months of age): < 10 ppm<br>Direct contact with skin: 75 ppm<br>Without direct contact with skin: 300 ppm<br>Decoration material: 300 ppm   |  |
| pH Value  | AATCC 81 (Textile) / ASTM D2810 (Leather) | 1 Sample | Recommended for textile and leather:<br>Baby (up to 36 months of age): 4.0 - 7.5<br>Direct contact with skin: 4.0 - 7.5<br>Without direct contact with skin: 4.0 - 9.0<br>Decoration material (non-leather): 4.0 - 9.0<br>Leather: 3.5 - 7.5  |  |
| Fiber Composition (if applicable)                                 | AATCC 20 / AATCC 20A                      | 1 Sample | Textile component of non-textile product (If claimed):<br>Single fiber: No tolerance<br>Blended fiber: +/- 3%<br><br>Textile component of non-textile product (If claimed):<br>If percentage of fiber is specified: Recommend following the tolerance applied for textile product.<br>If percentage of fiber is not specified: Report actual fiber composition (qualitative) of the textile component. Shall meet label claims (If applicable). |  |
| Durability Test   | ASTM F 1912                               | 1 Sample | Bean bag chair shall not have failure of closures' components or projections, or its seams that allow beads or filler material to escape, or allow access to the beads or liner holding the beads, if such a liner is used, by probe A driven by 5-lbf or less after dropping the 100-lb sand bag 300 times at the height 8 inch above the upper center of the seating as specified in the Standard.  |  |
| Base Durability   | Actual Use                                | 1 Sample | No failure when the claimed maximum weight is applied to the geometrical center of the seating for 1 minute. If no such claim, apply the following test load:<br><br>Single seat area > 144 in2 : Adult: 500 lbs.; Children: 300 lbs.<br>- Single seat area < 144 in2 : Adult: 300 lbs.; Children: 225 lbs.<br>- Multiple seat: Adult: 400 lbs. per seat; Children: 250 lbs. per seat.  |  |
| Cycle Test / Test for Buttons, Switches, and/or Moving Components | Actual Use                                | 1 Sample | Shall have no breakage, loss of functionality, loss of serviceability after 200 times / cycles use of buttons, switches, and/or moving components.  |  |
| 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 or adverse effect.  |  |
| Bean Bag Chair, with Zippers but Not Intended To be Refilled:     |   |          |   |  |
| Zippers Closure   | ASTM F 1912                               | 1 Sample | Prior to shipment, zippers shall be closed and permanently disabled with a mechanical device.<br>The zipper shall be closed and disabled such that a force to open the zipper of 15 lbf (67N) or more shall be required to produce a direct path.   |  |
| Bean Bag Chair, with Zippers Intended To be Refilled:             |   |          |   |  |
| Zippers Closure   | ASTM F 1912                               | 1 Sample | Prior to shipment the zipper shall be closed and the special tool required to open or reopen the zipper shall be removed from the zipper.<br>The zipper shall always lock when closed. A force to open the zipper of 15 lbf (67N) or more shall be required to produce a direct path unless a special tool is used.   |  |
| COLORFASTNESS   |   |          |   |  |
| *Dry Crocking (If Printed)  | AATCC 8/116                               | 1 Sample | Minimum of Class 4  |  |
| *Wet Crocking (If Printed)  | AATCC 8/116                               | 1 Sample | Minimum of Class 3  |  |
| Colorfastness to Light  | AATCC 16.3 (10 AFU)                       | 1 Sample | For fabric of accessories: Grade 4 min.   |  |
| Colorfastness to Water  | AATCC 107                                 | 1 Sample | For fabric:<br>Color change: Grade 4 min.<br>Color staining: Grade 3 min.   |  |

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| Colorfastness to Perspiration   | AATCC 15               | 1 Sample    | For fabric intended to be in contact with skin:<br>Color change: Grade 4 min.<br>Color staining: Grade 3 min.   |  |
| <b>*EXPANDED POLYSTYRENE BEADS:</b>   |                        |             |   |  |
| Section A, Part III   | C.T.B. 117             | 1 Sample    | Must comply to standard.  |  |
| <b>CALIFORNIA TECHNICAL BULLETIN 117</b>  |                        |             |   |  |
| COVER FABRIC  |                        |             |   |  |
| Section 1   | C.T.B. 117- 2013       | 1 Sample    | (See attached test results / requirements)  |  |
| BARRIER MATERIALS:  |                        |             |   |  |
| Section 2   | C.T.B. 117- 2013       | 1 Sample    | (See attached test results / requirements)  |  |
| RESILIENT FILING MATERIAL   |                        |             |   |  |
| Section 3   | C.T.B. 117 - 2013      | 1 Sample    | (See attached test results / requirements)  |  |
| DECKING MATERIAL  |                        |             |   |  |
| 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)<br>(CPSA – 16, CFR 1303)  |  |
| ** CA Prop 65   | Refer to Protocol 1300 | All Samples | 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                                   |  |
| Refer to protocol Hardlines<br>Regulatory Supplement for<br>additional State & Federal<br>Regulations | Refer to Protocol 1800 | All Samples | All samples shall be reviewed against the requirements of Food Contact Supplemental Protocol (State Regulation Only) to determine if additional testing or labeling is required |  |
| Please consult with Lab for the number of samples.  |                        |             |   |  |
| <b>Pricing: Please refer to Kohl's preferred third party labs for individual pricing</b>              |                        |             |   |  |

| Protocol Version | Description of Change  | Revised by / Date                  | Approved by / Date                    |
|------------------|--|------------------------------------|---------------------------------------|
| 413 – 0          | Initial Release  | Roger Mayerson Mar 08, 2004        | Roger Mayerson<br>Mar 08, 2004        |
| 413 – 1          | Update ASTM Standard from D1682 to D5034   | Roger Mayerson June 07, 2004       | Roger Mayerson<br>June 07, 2004       |
| 413 – A          | Added 19 CFR 134.<br>Added "For Indoor Use Only" label.<br>Added Overall Dimension.<br>Changed Lead in Surface Coating Limit to 90 ppm.<br>Changed protocol number from 413-2 to 413-A, price adjustment | Ro Jain April 1, 2010              | Ro Jain<br>April 1, 2010              |
| 413 – B          | Changed the Test Method for Lead in Scrapable Surface Coating from ASTM to CPSC.   | Ro Jain September 15, 2011         | Ro Jain<br>September 15, 2011         |
| 413 – C          | Updated sample size  | Ro Jain Apr 15, 2013               | Ro Jain<br>Apr 15, 2013               |
| 413 - D          | Updated the flammability test requirement of CALIFORNIA TB 117 to 2013 version   | Ro Jain Feb 10, 2014               | Ro Jain<br>Feb 10, 2014               |
| 413 - E          | Added Tech Pack Verification   | Ro Jain Mar 7, 2014                | Ro Jain<br>Mar 7, 2014                |
| 413 – F          | Updated lead and colorfastness tests pricing   | Jeetendra Shelatkar Aug. 4, 2014   | Jeetendra Shelatkar<br>Aug. 4, 2014   |
| 413 – G          | Updated CA Technical Bulletin 117 Labeling (if applicable)   | Jeetendra Shelatkar Oct 27, 2014   | Jeetendra Shelatkar<br>Oct 27, 2014   |
| 413-H            | Added Law Label  | Jeetendar Shelatkar March 6, 2015  | Jeetendar Shelatkar<br>March 6, 2015  |
| 413-I            | Updated Law label requirement and TB 117-2013 requirements   | Jeetendra Shelatkar Sept 28, 2015  | Jeetendra Shelatkar<br>Sept 28, 2015  |
| 413-J            | Updated Tech pack testing results/rating   | Jeetendra Shelatkar March 14, 2016 | Jeetendra Shelatkar<br>March 14, 2016 |
| 413-K            | Added CA Prop 65 req if applicable   | Elizabeth Armstrong June 9, 2017   | Elizabeth Armstrong<br>June 9, 2017   |
| 413-L            | Added seam slippage testing  | Elizabeth Armstrong Aug 29, 2018   | Elizabeth Armstrong<br>Aug 29, 2018   |
| 413-M            | Updated TB 117-2013 Requirements   | Charlene Swanson November 26, 2019 | Charlene Swanson<br>November 26, 2019 |
| 413-O            | Updated labeling requirements, added performance testing for flammability, formaldehyde, pH, fiber composition, CF to light, water & perspiration, added base durability and effects of extreme temps    | Elizabeth Armstrong June 19, 2020  | Elizabeth Armstrong<br>June 19, 2020  |
| 413-P            | Added children tracking label requirements   | Elizabeth Armstrong Sept 8, 2020   | Elizabeth Armstrong<br>Sept 8, 2020   |
| 413-Q            | Added Flammability for Indoor Upholstered Furniture and labeling requirements  | Elizabeth Armstrong June 29, 2021  | Elizabeth Armstrong<br>June 29, 2021  |
| 413-R            | Updated Labeling for Indoor Upholstered Furniture & Flammability for Indoor Upholstered Furniture requirements   | Elizabeth Armstrong Sept 2021      | Elizabeth Armstrong<br>Sept 2021      |
| 413-S            | Removed "Net Weight" from Uniform Law Labels for Bedding & Upholstered Furniture test line   | Charlene Swanson February 2022     | Charlene Swanson<br>February 2022     |
| 413-T            | Added PFAS Test Line   | Kevin Makocy<br>March 24, 2022     | Kevin Makocy<br>March 24, 2022        |
| 413-U            | Updated 1800 Hardlines Regulatory Supplement for additional State & Federal Regulations  | Isaac Grossman<br>February 2025    | Isaac Grossman<br>February 2025       |