

MATTRESS PADS

(Adult and Children's Over 3 Years of Age)

| TEST DESCRIPTION | REGULATION/TEST METHOD | REQUIREMENTS |
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| MANDATORY | | |
| Label Verification - Fiber Content - Country of Origin - Registration Number (RN) or Wool products Registration Number (WPL) - Law Label for filling materials - Flammability Label of Mattress pad | All Federal & State Requirements 16 CFR 303 16 CFR 300 19 CFR 134 16 CFR 1632.31 | Must Comply |
| Fiber Content | AATCC 20/20A | Single fiber \pm 0.0% Blends \pm 3.0% |
| Package Label Verification | F.P. & L. Act (16 CFR 500) OR NIST Uniform Laws and Regulations Handbook 130 | Manufacturer, packer, or distributor's name & address (city, state & zip) |
| | | Product Identification Net quantity of contents shall be expressed in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (U.S. and metric units). |
| California Prop 65 | Warning label or applicable testing | In lieu of warning label, product should meet all applicable Prop 65 requirements. |
| Pentachlorothiophenol (PCTP) | Environmental Protection Agency, 86 FR 894, Final Rule, 40 CFR Part 751, Subpart E | \leq 1 % (10000 mg/kg) |
| Hexachlorobutadiene (HCBD) | Environmental Protection Agency, 86 FR 894, Final Rule, 40 CFR Part 751, Subpart E | Prohibited |
| Flammability of Mattress & Mattress Pad | 16 CFR 1632 | Must Pass. The char length is not more than 2 inches (5.1 cm) in any direction from the nearest point of the cigarette. |
| ADDITIONAL MANDATORY TESTS FOR CHILDREN'S PRODUCT | | |
| Total Lead Content in Substrate Material | CPSC-CH-E1001-08.3 (metallic substrates) CPSC-CH-E1002-08.3 (nonmetallic substrates) | \leq 100 ppm - Exclude mill-dyed and mill printed fabrics and threads. - Exclude Natural material in natural state, treated without added lead or substrate with coating removed e.g. leather or fur |
| Total Lead in Surface Coating | 16 CFR 1303 | Total Lead in Surface Coating |
| Sharp Points/Sharp Edges (under 8 years of age) | 16 CFR 1500.48/49 | Not allowed |
| Tracking labels for children's products | Consumer Product Safety Improvement Act of 2008 | A permanent and distinguishing mark on the product and its packaging, to the extent practicable, enabling the manufacturer and purchaser to ascertain the name of the manufacturer or private labeler, location and date of production of the product. |

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| Lead, Cadmium and Phthalates on children's product | Washington Children's Safe Products Act (CSPA) | ≤40 ppm Cadmium; ≤90 ppm Lead; ≤1000 ppm Phthalates (combined). |
| New York Toxic chemicals in children's products | The Toxic Free Toys Act (Albany, Suffolk County) | Compound |
| | | Antimony |
| | | Arsenic |
| | | Cadmium |
| | | Lead in surface coating |
| | | Lead in substrates |
| | | Max. levels in ppm |
| | | 60 (soluble) |
| | | 25 (soluble) |
| | | 75 (soluble) |
| | | 90 (soluble) |
| | | 100 (total) |
| | | 60 (Soluble) |

STATE'S MANDATORY REGULATIONS

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| Total heavy metals in packaging | Toxics in Packaging Clearinghouse (TPCH) | Packaging shall not contain the sum of mercury, cadmium, lead and chromium (VI) in concentration above 0.01% by weight. Sum of Phthalates: ≤ 100 mg/kg PFAS: Not detected |
| Plastic Bag Warnings | Various state laws | Plastic bags with a thickness of less than 1 mil (0.001 inch) having an opened end larger than 5 inches in diameter shall contain the following warning statement or equivalent: 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. |
| Flame Retardants | Various state laws | Products claimed with flame retardant treatment shall meet all applicable requirements. |
| Chemicals of High Concern for Children / Priority Chemicals | Various US States Law | Record the concentration of Chemicals of High Concern for Children / Priority Chemicals. No pass / fail verdict. |

OPTION (QUALITY & PERFORMANCE)

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| Care Labeling | FTC regulation | Must Comply |
| Formaldehyde (Spot Test) | AATCC 94 | No Trace. If trace is found - proceed with full testing |
| Formaldehyde | JIS 1041 LAW 112 ISO 14184-1 (textile) ISO 17226-1 (leather) | -Direct skin contact: 75 mg/kg -Without direct skin contact: 300 mg/kg |
| pH of Water Extract | AATCC TM81 (textile) ASTM D2810 (leather) | Textile: 4.0-8.0 Leather: 3.5-7.5 |
| General Appearance After Laundering 3 Home Launderings/1 Drycleaning | Visual Evaluation | - No open raveling, open seams, or tufting damage. - No obvious defects/observations affecting the end product performance/appearance. - Color Change: Grade 4 - Self staining: Grade 4 List all observations |
| Dimensional Stability | AATCC 150 / 158 | 3 Home Laundering/1 Drycleaning Shrinkage: -3.5% x -3.5% Max. Growth: +1% x +1% Max. |
| Torque (Knits only) | AATCC 179 | 5.0% Max |
| Colorfastness to Laundering/ Dry Cleaning | AATCC 61/132 | Shade Change: Grade 4 minimum Staining: Grade 3 minimum Self -Staining: Grade 5/ No Self Staining |
| Colorfastness to Crocking | AATCC 8/116 | Dry: Grade 4 minimum Wet: Grade 3 minimum |
| Colorfastness to Non-Chlorine Bleach | AATCC TS 001 | Grade 4 minimum |
| Tensile Strength (Wovens) | ASTM D5034 | 40 x 30 lbs. (warp x weft) |
| Tear Strength (Wovens) | ASTM D1424 | 3.0 x 2.5 lbs. (warp x weft) |
| Seam Strength(Wovens) | ASTM D 1683 | All Seams: 35lbs. Minimum |

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| | | Bartacks and reinforcements: 20 lbs. Min |
| Pilling Resistance Martindale Pilling Method 100 Movements | ASTM D4970 | Grade 3.5 minimum |
| Attachment Strength Snaps Buttons, Shanks, Rivets, etc. Hand-Sewn Beads, Sequins, etc. | ASTM D7142 Opt. 2 16 CFR 1500.50-53 16 CFR 1500.50-53 | 15 lb. / 10 sec. 15 lb. / 10 sec. 5 lb. / 10 sec |