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TOYS - CRIB AND PLAYPEN TOYS

| TEST DESCRIPTION | REGULATION/TEST METHOD | REQUIREMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---|--------------|-----------------------|-------|-----------|------|-----------------------|--------------|----------------------|--------------|----------------------|-------------|------|----------------|--------------|----------------|--------------|----------------|--------------|------|--------------|--------------|--------------|--------------|--------------|------------------|------|--------------|--------------|--------------|--------------|--------------|--------------|------|--------------|--------------|--------------|--------------|--------------|
| MANDATORY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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). | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Country of Origin Marking | 19 CFR 134.11 | Shall indicate country of origin legibly, permanently, and incomparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Age Grading | ASTM F963-current version | <ul style="list-style-type: none"> The toy shall be labelled to indicate the minimum age for intended use, or have such labelling on any retail packaging. For certain toys, such as costumes and riding toys, it may also be appropriate to label in terms of height or weight limitations. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Lead Content of Paints or Similar Surface Coating | 16 CFR 1303 | ≤90ppm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Illinois lead content in surface coatings | Illinois Lead Poisoning Prevention Act | ≤40ppm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total Lead Content of Accessible Component Part | CPSIA of 2008 Section 101 | ≤100 ppm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Soluble Heavy Metals Content | ASTM F963-current version | Antimony (Sb) 60, Arsenic (As) 25, Barium (Ba) 1000, Cadmium (Cd) 75, Chromium (Cr) 60, Lead (Pb) 90, Mercury (Hg) 60, Selenium (Se) 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mechanical hazard - abuse testing - for toys for children up to 96 months | ASTM F963-current version 16 CFR 1500.50-53) | Report Components Tested. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Report component breakage or failure. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Requirement: No sharp edges /sharp points and small part. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th>Test</th> <th>Age (months)</th> <th>Force</th> </tr> </thead> <tbody> <tr> <td rowspan="3">Drop test</td> <td>0-18</td> <td>10 × 4.5 ft ± 0.5 in.</td> </tr> <tr> <td>Over 18 - 36</td> <td>4 × 3.0 ft ± 0.5 in.</td> </tr> <tr> <td>Over 36 - 96</td> <td>4 × 3.0 ft ± 0.5 in.</td> </tr> <tr> <td rowspan="3">Torque test</td> <td>0-18</td> <td>2 ± 0.2 in.lbf</td> </tr> <tr> <td>Over 18 - 36</td> <td>3 ± 0.2 in.lbf</td> </tr> <tr> <td>Over 36 - 96</td> <td>4 ± 0.2 in.lbf</td> </tr> <tr> <td rowspan="3">Tension Test</td> <td>0-18</td> <td>10 ± 0.5 lbf</td> </tr> <tr> <td>Over 18 - 36</td> <td>15 ± 0.5 lbf</td> </tr> <tr> <td>Over 36 - 96</td> <td>15 ± 0.5 lbf</td> </tr> <tr> <td rowspan="3">Compression test</td> <td>0-18</td> <td>20 ± 0.5 lbf</td> </tr> <tr> <td>Over 18 - 36</td> <td>25 ± 0.5 lbf</td> </tr> <tr> <td>Over 36 - 96</td> <td>30 ± 0.5 lbf</td> </tr> <tr> <td rowspan="3">Flexure test</td> <td>0-18</td> <td>10 ± 0.5 lbf</td> </tr> <tr> <td>Over 18 - 36</td> <td>15 ± 0.5 lbf</td> </tr> <tr> <td>Over 36 - 96</td> <td>15 ± 0.5 lbf</td> </tr> </tbody> </table> | Test | Age (months) | Force | Drop test | 0-18 | 10 × 4.5 ft ± 0.5 in. | Over 18 - 36 | 4 × 3.0 ft ± 0.5 in. | Over 36 - 96 | 4 × 3.0 ft ± 0.5 in. | Torque test | 0-18 | 2 ± 0.2 in.lbf | Over 18 - 36 | 3 ± 0.2 in.lbf | Over 36 - 96 | 4 ± 0.2 in.lbf | Tension Test | 0-18 | 10 ± 0.5 lbf | Over 18 - 36 | 15 ± 0.5 lbf | Over 36 - 96 | 15 ± 0.5 lbf | Compression test | 0-18 | 20 ± 0.5 lbf | Over 18 - 36 | 25 ± 0.5 lbf | Over 36 - 96 | 30 ± 0.5 lbf | Flexure test | 0-18 | 10 ± 0.5 lbf | Over 18 - 36 | 15 ± 0.5 lbf | Over 36 - 96 | 15 ± 0.5 lbf |
| | | Test | Age (months) | Force | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Drop test | 0-18 | 10 × 4.5 ft ± 0.5 in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Over 18 - 36 | 4 × 3.0 ft ± 0.5 in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Over 36 - 96 | 4 × 3.0 ft ± 0.5 in. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Torque test | 0-18 | 2 ± 0.2 in.lbf | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Over 18 - 36 | 3 ± 0.2 in.lbf | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Over 36 - 96 | 4 ± 0.2 in.lbf | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Tension Test | 0-18 | 10 ± 0.5 lbf | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Over 18 - 36 | 15 ± 0.5 lbf | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Over 36 - 96 | 15 ± 0.5 lbf | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|---|---|---|
| Phthalates | CPSIA sect. 108 Test method: CPSC-CH-C1001-09.3 | 8 Phthalates DEHP, DBP, BBP, DINP, DIBP, DPENP, DHEXP, DCHP Each ≤ 0.1% Exempted Plastics: - Polypropylene (PP) - Polyethylene (PE) - Acrylonitrile Butadiene Styrene (ABS) - High impact polystyrene (HIPS) - Crystal and general-purpose polystyrene - Medium-impact polystyrene (MIPS) - Super-high-impact polystyrene (SHIPS) |
| Small Parts | 16 CFR 1501 | Toys intended for children under 36 months (3 years) of age shall not include removable, liberated components, or fragments of toys before or after use and abuse |
| Accessible Sharp Points / Sharp Edges | 16 CFR 1500.48/49 | Shall not contain any hazardous sharp edges before and after use and abuse tests, if intended for children under 8 years of age. |
| California Prop 65 | Warning label or applicable testing | In lieu of warning label, product should meet all applicable Prop 65 requirements. |
| Flammability | ASTM F963-current ver. 16 CFR 1500.44 | Less Than 0.1"/Sec. |
| Age Grading | ASTM F963-current version | Toys intended to be strung across a crib or playpen by means of a string, cord, elastic, or straps (including but not limited to, crib exercisers, crib gyms, and activity toys) & its packaging shall be labeled: "From birth to 5 months" . |
| Safety Labeling | ASTM F963-current version | Toys intended to be strung across a crib or playpen by means of a string, cord, elastic, or straps (including but not limited to, crib exercisers, crib gyms, and activity toys) shall carry safety labeling on its packaging: WARNING:  WARNING: Possible entanglement or strangulation. Remove toy when baby begins to push up on hands and knees. (Or equivalent text) |
| Lithium metal batteries and Lithium-ion batteries | UN Manual of Tests and Criteria, Sixth Revised Edition, Amend 1, Part III, sub-section 38.3 | Comply with the regulation. Battery test report should be available on request. |
| MANDATORY STATES REGULATIONS | | |
| 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. |
| 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 | Not Detected. |
| Washington 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). |