

SUBJECT 22

Re: Furniture Group — Notes, Items 79023, 79024, 79026, 79030, 79031 and 79032

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Proponent: Freight Classification Development Council

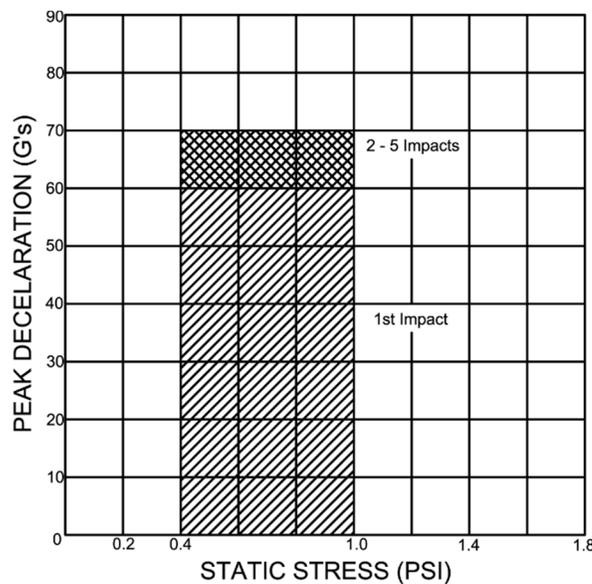
Present Classification Provisions

Item	Description	Class
79000	FURNITURE GROUP: Articles consist of Furniture, see Notes, items 79022, 79023, 79024, 79026, 79030, 79031 and 79032, as described in items subject to this grouping.	
79022	NOTE—Not Involved.	
79023	NOTE—Articles must be securely positioned by the use of adequate interior packing material so as to prevent shifting.	
79024	NOTE—Where packaging specifications reference this Note, articles must be adequately protected by blankets or pads so as to prevent damage and abrasion within the package and must meet the following minimum specifications, which are per mil (1/1000 in) thickness: (1) Dart impact 170 grams (ASTM D1709); (2) Machine direction tear 330 grams (ASTM D1922); (3) Transverse direction tear 355 grams (ASTM D1922); (4) Machine direction tensile strength 1,350 psi (ASTM D882); (5) Transverse direction tensile strength 1,475 psi (ASTM D882); (6) Machine direction elongation 500% (ASTM D882); (7) Transverse direction elongation 555% (ASTM D882); (8) Coefficient of friction on side of film in contact with furniture 0.2 gram (ASTM D1894).	
79026	NOTE—Detachable mirrors, glass tops, racks, stands or toilets, forming part of chiffoniers, bureaus, dressers, dressing or toilet tables, washstands or similar articles must be detached and packed in same package with the articles or packed in Packages 1F, 3F, 5F, 6F or 93F.	
79030	NOTE—All furniture packages of the 'F' or 'S' designation, constructed of corrugated fiberboard as outside shipping containers, may utilize expanded plastic foam interior corner, edge or flat spacer pads or load-bearing skids of any desired polymer derivative providing the following conditions are met: The minimum foam thickness must not be less than 3/4 inch, or when laminated to fiberboard, not less than 5/8 inch in thickness. Foam plastic interior forms must be molded, producing a fusion bond of material which will not crumble or break up under the subjected load stress of the commodity and must be capable of successfully performing the following laboratory performance requirements:	

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Present Classification Provisions — Continued

Item	Description	Class
A. Compression Set (ASTM D-2221)	<ol style="list-style-type: none"> 1. Degrees Fahrenheit-73 2. Load Compression-75% 3. Period of Compression-Instantaneous 4. Recovery Period-1 Hour 5. Minimum Resiliency (Recovery)-90% 	
B. Cushioning (ASTM D-1596)	<p>Thickness and density must be determined by the following parameters based upon the results of a 30 inch drop height. The minimum foam thickness must not be less than 3/4 inch, or when laminated to fiberboard, not less than 5/8 inch in thickness. Static stress (load, psi) must fall within the range of .4-1.0 psi.</p> <ol style="list-style-type: none"> 1. First impact must not exceed 60 G's. 2. Second through fifth impact must not exceed 70 G's. 	



Interior packing forms meeting the above specifications must be marked 'NMFC-Note, item 79030.'

79031 NOTE—Where in the description of 'F' packages corrugated fiberboard bases are permitted, bases constructed of built-up laminated plies of corrugated fiberboard standing on edge and adhered to a corrugated fiberboard pad will also be allowed. The height or thickness of the built-up section and the thickness and bursting test of the pad must conform to the individual 'F' package requirements.

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Present Classification Provisions — Concluded

Item	Description	Class
79032	<p>NOTE—When using 'F' Packages that permit wood frame bases with fiberboard boxes and when complying with all other requirements set forth in the involved 'F' Package, the following alternative base constructions will be accepted:</p> <ol style="list-style-type: none"> 1. Bases constructed of a solid sheet of triplewall corrugated fiberboard made to the full dimension of the container, and having a thickness of at least 9/16 inch, and edge crush value of at least 110 pounds, and outer facings of at least 69-pound Kraft linerboard; OR 2. Bases constructed of a full outer perimeter of 1/2-inch-cell honeycomb fiberboard, one inch in thickness and six inches in width, having a 42-pound Kraft top facing, adhered to a full-dimension sheet of doublewall corrugated fiberboard testing 275 pounds shall be allowed; OR 3. Bases constructed of a minimum of 2-ply, 600-pound-test doublewall corrugated fiberboard to the following specifications: the corrugation must run in the same direction as the longest dimension and extend the full length of the carton; it must have a minimum thickness of 9/16 inch and have outer facings constructed of a minimum of 90-pound linerboard; and the corrugated fiberboard must be held together with waterproof adhesive; OR 4. Bases constructed of a full-dimension solid sheet of vertically-aligned nontest fluted corrugated core faced with a minimum of 126-pound Kraft solid fiber facings on both sides forming a 1/2-inch thickness. Methods of fastening the base to the container shall be the same as those allowed for other corrugated fiberboard bases. Bottom flanges or flaps may be stapled to the base pad in a manner similar to that specified when stapling wood frame bases to cartons. 	

Proposed Classification Provisions

Item	Description	Class
79000	<p>FURNITURE GROUP: Articles consist of Furniture, see Notes, items 79022, 79023, 79024 ⇨ and 79026, as described in items subject to this grouping.</p>	
79022	<p>NOTE—No Change.</p>	
79023	<p>NOTE—⇨Articles must be secured within package by protective packing forms or other packaging materials so as to prevent shifting.</p>	
79024	<p>NOTE—⇨Where packaging specifications reference this Note, articles must be adequately protected by blankets or pads so as to prevent damage and abrasion within the package.</p>	

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Proposed Classification Provisions — Concluded

Item	Description	Class
79026	NOTE—⇒Detachable mirrors, tops or other furniture components must be detached and tendered in same package with the article(s) or in Packages 1F, 3F, 5F, 6F or 93F.	
79030	NOTE—⇒Cancel; no further application.	
79031	NOTE—⇒Cancel; no further application.	
79032	NOTE—⇒Cancel; no further application.	

Analysis and Conclusion

FCDC packaging policies state the FCDC is to maintain packaging rules and specifications as necessary to ensure that freight is adequately protected and can be handled and stowed in a manner that is reasonably safe and practicable so as to withstand the normal rigors of the less-than-truckload environment.

Notes, items 79023, 79024, 79026, 79030, 79031 and 79032 provide very detailed packaging requirements for articles classified in the Furniture Group. Many of the specifications are overly detailed, complicated and difficult for carriers to ensure compliance.

Therefore, this proposal would update and simplify Notes, items 79023, 79024 and 79026, while Notes, items 79030, 79031 and 79032 would be canceled as having no further application.