

SUBJECT 7

SUBJECT 7: Ladders Group

Re: Ladders Group

Contact: Amber Parker

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Proponent: Freight Classification Development Center

Quick View

The Quick View feature is not intended to replace contextual information within this document. To understand the potential impact of the recommended changes shown here, please read the full proposal.

Subject 7: Ladders Group

Quick View: Ten items in the Ladders Group are canceled with reference to a new item, naming “Ladders,” which would provide a “viz.” format, and classes based on the FCDC’s 13-subprovision density scale.

- Three Notes canceled and reestablished attendant to the new item

Transportation Characteristics Present:

- Handling ☐Yes ☒No Stowability ☐Yes ☒No Liability ☐Yes ☒No Density ☒Yes ☐No

Provisions based on:

- FCDC’s 13-subprovision density scale

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Present Classification Provisions

Item	Description	Class
	LADDERS GROUP: subject to item 108700	
108715	Ladders , boat boarding, metal or wood, or metal with plastic steps, in boxes 125	125
108725	Ladders , emergency escape, residential type, aluminum and steel combined, collapsed, see Note, item 108726, in bundles 70	70
108726	NOTE—Applies only on ladders having side rails and rungs collapsed and folded parallel to each other, designed for permanent attachment to the side of residential buildings.	
108735	Ladders , fire escape, consisting of steel chain with tubular steel rungs and supporting brackets, in boxes 70	70
108745	Ladders , folding, aluminum, with hinged rungs folded within side rails, in boxes 70	70
108785	Ladders , rolling shelf, without track, track fixtures or ladder fixtures, or with track, track fixtures or ladder fixtures in same package, in packages 125	125
108790	Ladders , rope, or rope with metal or wood rungs, in packages 100	100
108805	Ladders , scaffold access, steel, see Note, item 108806, in packages, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 30..... 65	65
Sub 2	30 or greater 55	55
108806	NOTE—Applies only on access ladders or ladder sections which are designed to be affixed to the scaffold by means of ladder brackets, pins or hooks.	
108815	Ladders , swimming pool, in boxes:	
Sub 1	Aluminum or aluminum and wood or plastic combined:	
Sub 2	KD flat 150	150
Sub 3	Taken apart with steps or rungs disassembled from side rails 85	85
Sub 4	Steel, combined or not combined with other materials:	
Sub 5	KD, other than with steps or rungs disassembled from side rails 100	100
Sub 6	Taken apart with steps or rungs disassembled from side rails 70	70
Sub 7	Wood:	
Sub 8	KD, other than with steps or rungs disassembled from side rails 150	150
Sub 9	Taken apart with steps or rungs disassembled from side rails 65	65
108825	Ladders , with safety cages or hoops attached, in packages, see Note, item 108826:	
Sub 1	Aluminum 400	400
Sub 2	Steel 300	300
108826	NOTE—When shipped on lift truck skids or pallets ladders must be secured on and must not overhang the lift truck skid or pallet deck.	
108840	Step Stools , steel, folded to a thickness not exceeding one inch, in boxes..... 70	70

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Proposed Classification Provisions

Item	Description	Class
	LADDERS GROUP: subject to item 108700	
108715	Ladders , boat boarding, metal or wood, or metal with plastic steps, etc	⇒Cancel; see item A-NEW
108725	Ladders , emergency escape, residential type, aluminum and steel combined, collapsed, etc	⇒Cancel; see item A-NEW
108726	NOTE—⇒Cancel; see item B-NEW.	
108735	Ladders , fire escape, consisting of steel chain with tubular steel rungs and supporting brackets, etc	⇒Cancel; see item A-NEW
108745	Ladders , folding, aluminum, with hinged rungs folded within side rails, etc	⇒Cancel; see item A-NEW
108785	Ladders , rolling shelf, without track, track fixtures or ladder fixtures, or with track, track fixtures or ladder fixtures in same package, etc	⇒Cancel; see item A-NEW
108790	Ladders , rope, or rope with metal or wood rungs, etc	⇒Cancel; see item A-NEW
108805	Ladders , scaffold access, steel, etc	⇒Cancel; see item A-NEW
108806	NOTE—⇒Cancel; see item C-NEW.	
108815	Ladders , swimming pool, etc	⇒Cancel; see item A-NEW
108825	Ladders , with safety cages or hoops attached, etc	⇒Cancel; see item A-NEW
108826	NOTE—⇒Cancel; see item D-NEW.	
108840	Step Stools , steel, folded to a thickness not exceeding one inch, etc	⇒Cancel; see item A-NEW

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Proposed Classification Provisions—Concluded

Item	Description	Class
	LADDERS GROUP: subject to item 108700	
⇒A-NEW	Ladders, viz.: Ladders , boat boarding, in boxes; Ladders , emergency escape, residential type, collapsed, see Note, item B-NEW, in boxes or bundles; Ladders , fire escape, consisting of chain with tubular rungs and supporting brackets, in boxes; Ladders , folding, with hinged rungs folded within side rails, in boxes; Ladders , rolling shelf, in packages; Ladders , rope, in packages; Ladders , scaffold access, see Note, item C-NEW, in packages; Ladders , swimming pool, in boxes; Ladders , with safety cages or hoops attached, in packages, see Note, item D-NEW; Step Stools , in boxes; Subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1	400
Sub 2	1 but less than 2	300
Sub 3	2 but less than 4	250
Sub 4	4 but less than 6	175
Sub 5	6 but less than 8	125
Sub 6	8 but less than 10	100
Sub 7	10 but less than 12	92.5
Sub 8	12 but less than 15	85
Sub 9	15 but less than 22.5	70
Sub 10	22.5 but less than 30	65
Sub 11	30 but less than 35	60
Sub 12	35 but less than 50	55
Sub 13	50 or greater	50
⇒B-NEW	NOTE—Applies only on ladders having side rails and rungs collapsed and folded parallel to each other, designed for permanent attachment to the side of residential buildings.	
⇒C-NEW	NOTE—Applies only on access ladders or ladder sections which are designed to be affixed to the scaffold by means of ladder brackets, pins or hooks.	
⇒D-NEW	NOTE—When shipped on lift truck skids or pallets ladders must be secured on and must not overhang the lift truck skid or pallet deck.	

SUBJECT 7**Analysis****Introduction**

Ten items in the Ladders Group, as shown in the Present Classification Provisions herein, name particular types of ladders, and these provisions can be difficult to interpret, apply, or verify.

Transportation Characteristics

Handling, Stowability and Liability—There have been no reports of unusual or significant handling, stowability or liability issues. Therefore, density has been identified as the primary transportation characteristic.

Conclusion

Based on the foregoing analysis, ten items subject to the Ladders Group would be canceled with reference to a new item, naming "Ladders" with a "viz." format, and classes predicated on the FCDC's standard 13-subprovision density scale⁶. Concurrently, three Notes would be canceled and reestablished attendant to the new item.

The FCDC's Lead Classification and Packaging Analyst has reviewed the proposed minimum packaging requirements and determined they are appropriate for the LTL environment.

⁶ The FCDC's standard 13-subprovision density scale includes reference to Item (Rule) 170, the inadvertence clause.