

SUBJECT 23

SUBJECT 23: Carbon

Re: Carbon

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Proponent: Freight Classification Development Council

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 23: Carbon

Quick View: Twelve items subject to the Carbon generic heading are canceled with reference to a new item, which would provide a “viz.” format, and classes based on the FCDC’s 13-sub density scale.

- Generic heading, item 40550, amended to read “Carbon Group”
- Note, item 40702, 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-sub density scale

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Present Classification Provisions

Item	Description	Class
23810	NOTE—When tendering shipments of powdered commodities in bags of any description, such shipments will be subject to the provisions of Package 2353.	
40550	CARBON: see Note, item 23810	
40580	Brushes , generator or motor, in boxes, drums or Packages 1241 or 1273	85
40590	Carbon Mixture , unbaked, consisting of ground coal, or coke and pitch or tar, with or without lubricant, other than carbon furnace or kiln lining or carbon high temperature bonding mortar or cement, in bags, boxes or drums	50
40600	Carbons , arc lamp, in boxes or drums.....	85
40630	Electrodes , dry battery, NOI, in boxes or drums.....	70
40640	Electrodes , furnace or electrolytic bath (Carbon Plugs), NOI, in boxes or crates, or loose when having a diameter or thickness of 4 inches or greater.....	70
40650	Flour , ground petroleum coke, in boxes, cloth or paper bags or drums.....	50
40660	Flour , NOI, in bags, boxes or drums.....	85
40670	Molten Metal Bath , in bags, boxes or drums	55
40680	Petroleum (Petroleum Coke) , not ground, in bags, boxes or drums.....	50
40690	Plates , NOI, in boxes.....	85
40700	Scrap , see Note, item 40702, in packages.....	50
40702	NOTE—Also applies on broken, burnt out, worn out or scrap articles of carbon which have value only for reconversion into carbon.	
40710	Tubes , NOI, in boxes	85

Proposed Classification Provisions

Item	Description	Class
23810	NOTE—No Change.	
40550	CARBON ⇒GROUP: see Note, item 23810	
40580	Brushes , generator or motor, etc	⇒Cancel; see item A-NEW
40590	Carbon Mixture , unbaked, consisting of ground coal, or coke and pitch or tar, with or without lubricant, other than carbon furnace or kiln lining or carbon high temperature bonding mortar or cement, etc	⇒Cancel; see item A-NEW
40600	Carbons , arc lamp, etc	⇒Cancel; see item A-NEW
40630	Electrodes , dry battery, NOI, etc	⇒Cancel; see item A-NEW

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Proposed Classification Provisions—Continued

Item	Description	Class
	CARBON: subject to item 40550	
40640	Electrodes , furnace or electrolytic bath (Carbon Plugs), NOI, etc.....	⇒Cancel; see item A-NEW
40650	Flour , ground petroleum coke, etc.....	⇒Cancel; see item A-NEW
40660	Flour , NOI, etc	⇒Cancel; see item A-NEW
40670	Molten Metal Bath , etc.....	⇒Cancel; see item A-NEW
40680	Petroleum (Petroleum Coke) , not ground, etc	⇒Cancel; see item A-NEW
40690	Plates , NOI, etc	⇒Cancel; see item A-NEW
40700	Scrap , etc.....	⇒Cancel; see item A-NEW
40702	NOTE—⇒Cancel; see item B-NEW.	
40710	Tubes , NOI, etc	⇒Cancel; see item A-NEW
⇒A-NEW	<p>Carbon, viz.:</p> <ul style="list-style-type: none"> Brushes, generator or motor, in boxes, drums or Package 1273; Carbon, NOI, in bags, boxes or drums; Carbon Mixture, unbaked, consisting of ground coal, or coke and pitch or tar, with or without lubricant, other than carbon furnace or kiln lining or carbon high temperature bonding mortar or cement, in bags, boxes or drums; Carbons, arc lamp, in boxes; Electrodes, dry battery, NOI, in boxes; Electrodes, furnace or electrolytic bath (Carbon Plugs), NOI, in boxes or crates; Flour, ground petroleum coke, in bags, boxes or drums; Flour, NOI, in bags, boxes or drums; Molten Metal Bath, in bags, boxes or drums; Petroleum (Petroleum Coke), not ground, in bags, boxes or drums; Plates, NOI, in boxes; Scrap, see Note, item B-NEW, in packages; 	

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Proposed Classification Provisions—Concluded

Item	Description	Class
	CARBON: subject to item 40550	
	Carbon, viz.: subject to item A-NEW	
	Tubes, NOI, 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—Also applies on broken, burnt out, worn out or scrap articles of carbon which have value only for reconversion into carbon.	

Analysis

Introduction

Twelve items subject to the Carbon generic heading, as shown in the Present Classification Provisions herein, name particular types of commodities made from carbon, 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.

SUBJECT 23**Conclusion**

Based on the foregoing analysis, the involved articles do not present any unusual or significant handling, stowing, or liability issues, and density has been determined to be the primary transportation characteristic.

Therefore, twelve items subject to the Carbon generic heading would be canceled with reference to a new item, naming "Carbon" with a "viz." format. The new item would provide classes predicated on the FCDC's standard 13-subprovision density scale²⁰. Additionally, the generic heading, item 40550, would be amended to read "Carbon Group."

Furthermore, Note, item 40702, would be canceled and reestablished as a new Note attendant to the new item to clarify the application of the articles within the "viz."

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

²⁰ The FCDC's standard 13-subprovision density scale includes reference to Item (Rule) 170, the inadvertence clause.