

SUBJECT 9

SUBJECT 9: Zinc or Zinc Alloys Group

Re: Zinc or Zinc Alloys Group

Contact: Lanae Peterson

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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 9: Zinc or Zinc Alloys Group

Quick View: Seven items related to zinc or zinc alloys are canceled with reference to applicable provisions found elsewhere within the Classification that provide “viz.” formats, and classes based on the FCDC’s 13-subprovision density scale.

- Note, item 201051 canceled with no further application
- Zinc or Zinc Alloys Group, item 200480, canceled with no further application

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
56290*	Decorations, Notions or Novelties , see Notes, items 56291 and 56292, viz.: Trophies; [Other Articles Listed—Not Involved.] 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
56291	NOTE—Not Involved.	
56292	NOTE—Not Involved.	
56294	NOTE—Not Involved.	
56295	NOTE—Not Involved.	
56296	NOTE—Not Involved.	

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SUBJECT 9

Present Classification Provisions—Continued

Item	Description	Class
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
60702	NOTE—Does not apply on batteries that are mounted in cabinets or racks, with or without wiring or electrical controls, nor on fuel cells.	
60703	NOTE—Storage batteries, including automobile batteries, may also be shipped in crates or Package 2064 or on lift truck skids or pallets.	
61700*	Electrical Appliances, Equipment or Instruments, or Parts thereof, viz.: Batteries or Cells, not listed in 49 CFR §172.101, Hazardous Materials Table, see Note, item 60702, in boxes, see Note, item 60703; [Other Articles Listed—Not Involved.] 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
61702	NOTE—Not Involved.	
61703	NOTE—Not Involved.	
61704	NOTE—Not Involved.	
61705	NOTE—Not Involved.	
61706	NOTE—Not Involved.	
61707	NOTE—Not Involved.	
61708	NOTE—Not Involved.	
61709	NOTE—Not Involved.	
61710	NOTE—Not Involved.	
61711	NOTE—Not Involved.	
61713	NOTE—Not Involved.	
61714	NOTE—Not Involved.	
61715	NOTE—Not Involved.	
61716	NOTE—Not Involved.	
61717	NOTE—Not Involved.	
61718	NOTE—Not Involved.	
61719	NOTE—Not Involved.	

*Published in Supplement 1 to NMF 100-AZ, effective May 23, 2026.

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Present Classification Provisions—Continued

Item	Description	Class
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
61721	NOTE—Not Involved.	
61722	NOTE—Not Involved.	
61723	NOTE—Not Involved.	
61724	NOTE—Not Involved.	
61725	NOTE—Not Involved.	
61726	NOTE—Not Involved.	
61727	NOTE—Not Involved.	
61728	NOTE—Not Involved.	
61729	NOTE—Not Involved.	
61732	NOTE—Not Involved.	
61733	NOTE—Not Involved.	
61734	NOTE—Not Involved.	
61735	NOTE—Not Involved.	
	HARDWARE GROUP: subject to item 92900	
95190	Hardware, viz.:	
	Clamps, Clips, Fasteners, or Latches , NOI, in boxes or Package 2518;	
	Fasteners , upholstery panel, steel, in continuous coils, in packages;	
	Hardware , NOI, in boxes, crates, drums or Package 783;	
	Nails , NOI, in boxes or drums;	
	Tags , NOI, in boxes or drums;	
	[Other Articles Listed—Not Involved.]	
	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
95191	NOTE—Not Involved.	
95192	NOTE—Not Involved.	
95193	NOTE—Not Involved.	

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Present Classification Provisions—Continued

Item	Description	Class
	METALS GROUP: subject to item 135300	
135955	Metals or Metal Alloys , see Note, item 135956, viz.: Anodes , NOI, in packages; Articles , NOI, in packages; Bars , NOI, in packages; BILLETS , NOI, in packages; Blanks , NOI, in packages; Blooms , NOI, in packages; Cakes , NOI, in packages; Castings , NOI, in boxes, crates or drums; Circles , NOI, in boxes; Dross, Skimmings, or Sludge , in bags, boxes or drums; Disks , NOI, in boxes; Forgings , NOI, in packages; Forms or Shapes , NOI, consisting of one piece of metal, in packages; Ingots , NOI, in packages; Metals or Metal Alloys , NOI, in packages; Pigs , NOI, in packages; Plates , NOI, in packages; Powder , NOI, in bags, boxes or drums; Residue , NOI, in boxes or drums; Rings , NOI, in packages; Rods , NOI, in packages; Scrap , NOI, in packages; Sheets , NOI, in packages; Shot , NOI, in packages; Slab , NOI, in packages; Solder , NOI, in packages; Speiss (smelter by-product, containing cobalt-nickel), in bags or drums; Sponge , NOI, in packages;	

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Present Classification Provisions—Continued

Item	Description	Class
METALS GROUP: subject to item 135300		
Metals or Metal Alloys , see Note, item 135956, viz.: subject to item 135955		
Strip , NOI, in boxes;		
Turnings , NOI, other than scrap, in boxes or drums;		
Welding Rods or Wire , NOI, in packages or on reels;		
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
135956	NOTE—Does not apply on alloys containing gold, silver, palladium or platinum.	
200480	ZINC OR ZINC ALLOYS GROUP:	
200740	Ingots	50
200840	Pig or Slab	50
200860	Plate, Sheet or Strip , brass, chromium, copper or nickel plated, in boxes	60
200870	Plate, Sheet or Strip , enameled, in boxes	77.5
200880	Plate, Sheet or Strip , perforated, in boxes, crates or drums	77.5
200890	Plate, Sheet or Strip , NOI:	
Sub 1	In rolls	77.5
Sub 2	In bundles with boards on tops and bottoms, metal strapped, or in boxes, crates or drums	60
201050	Zinc or Zinc Alloys, viz.:	
Anodes , in packages;		
Bar or Rod , in packages;		
Blanks or Stampings , NOI, in boxes;		
Borings, Grindings or Turnings , in bags, boxes or drums;		
Caps , fill, bulk storage tank, with or without plastic coating, in boxes;		
Castings or Extrusions , NOI, in boxes, crates or drums;		
Couplings or Connections , flexible hose, NOI, plain or chrome or brass plated, in boxes;		
Dry Battery Shells , in boxes;		
Dust or Powder , in bags, boxes, drums or pails;		

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Present Classification Provisions—Concluded

Item	Description	Class
	ZINC OR ZINC ALLOYS GROUP: subject to item 200480	
	Zinc or Zinc Alloys, viz.: subject to item 201050	
	Fasteners , roofing, in boxes or drums;	
	Inserts , concrete construction, threaded, see Note, item 201051, in boxes;	
	Insulator Thimbles , in boxes;	
	Moldings , NOI, in boxes or crates;	
	Nails or Spikes , in boxes;	
	Nozzles , NOI, in boxes;	
	Parts , trophy, cast zinc, not plated or plated with other than precious metals, with or without mounting rods or studs attached, in boxes;	
	Scrap , NOI (scraps or pieces having value for remelting purpose only), in bags, bales, boxes, crates or drums;	
	Shavings , in bags, boxes, drums or pails;	
	Tags , in boxes or drums;	
	Wire , in packages;	
	Zinc Articles , NOI, in boxes;	
	Zinc , mossy, in bags, boxes or drums; 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
201051	NOTE—Applies only on inserts that are designed for imbedding in concrete for the purpose of anchoring or fastening.	

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Proposed Classification Provisions

Item	Description	Class
56290	Decorations, Notions or Novelties , see Notes, items 56291 and 56292, viz.: ⇒ Trophies ; ⇒ Trophies or Parts thereof , NOI; [Other Articles Listed—No Change.] 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
56291	NOTE—No Change.	
56292	NOTE—No Change.	
56294	NOTE—No Change.	
56295	NOTE—No Change.	
56296	NOTE—No Change.	

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SUBJECT 9

Proposed Classification Provisions—Continued

Item	Description	Class
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
60702	NOTE—No Change.	
60703	NOTE—No Change.	
61700	Electrical Appliances, Equipment or Instruments, or Parts thereof, viz.: Batteries or Cells , not listed in 49 CFR §172.101, Hazardous Materials Table, see Note, item 60702, in boxes, see Note, item 60703; [Other Articles Listed—No Change.] 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
61702	NOTE—No Change.	
61703	NOTE—No Change.	
61704	NOTE—No Change.	
61705	NOTE—No Change.	
61706	NOTE—No Change.	
61707	NOTE—No Change.	
61708	NOTE—No Change.	
61709	NOTE—No Change.	
61710	NOTE—No Change.	
61711	NOTE—No Change.	
61713	NOTE—No Change.	
61714	NOTE—No Change.	
61715	NOTE—No Change.	
61716	NOTE—No Change.	
61717	NOTE—No Change.	
61718	NOTE—No Change.	
61719	NOTE—No Change.	

SUBJECT 9

Proposed Classification Provisions—Continued

Item	Description	Class
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
61721	NOTE—No Change.	
61722	NOTE—No Change.	
61723	NOTE—No Change.	
61724	NOTE—No Change.	
61725	NOTE—No Change.	
61726	NOTE—No Change.	
61727	NOTE—No Change.	
61728	NOTE—No Change.	
61729	NOTE—No Change.	
61732	NOTE—No Change.	
61733	NOTE—No Change.	
61734	NOTE—No Change.	
61735	NOTE—No Change.	
	HARDWARE GROUP: subject to item 92900	
95190	Hardware, viz.:	
	Clamps, Clips, Fasteners, or Latches , NOI, in boxes or Package 2518;	
	Hardware , NOI, in boxes, crates, drums or Package 783;	
	Nails , NOI, in boxes or drums;	
	Tags , NOI, in boxes or drums;	
	[Other Articles Listed—No Change.]	
	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
95191	NOTE—No Change.	
95192	NOTE—No Change.	
95193	NOTE—No Change.	

SUBJECT 9

Proposed Classification Provisions—Continued

Item	Description	Class
	METALS GROUP: subject to item 135300	
135955	Metals or Metal Alloys, see Note, item 135956, viz.: Anodes, NOI, in packages; Articles, NOI, in packages; Bars, NOI, in packages; Billets, NOI, in packages; ⇒Blanks, NOI, in packages; ⇒Blanks or Stampings, NOI, in packages; Blooms, NOI, in packages; Cakes, NOI, in packages; ⇒Castings, NOI, in boxes, crates or drums; ⇒Castings or Extrusions, NOI, in boxes, crates or drums; ⇒Caps, fill, bulk storage tank, with or without plastic coating, in boxes; Circles, NOI, in boxes; Dross, Skimmings, or Sludge, in bags, boxes, drums or ⇒pails; Disks, NOI, in boxes; ⇒Dust, NOI, in bags, boxes, drums or pails; Forgings, NOI, in packages; Forms or Shapes, NOI, consisting of one piece of metal, in packages; Ingots, NOI, in packages; Metals or Metal Alloys, NOI, in packages; ⇒Moldings, NOI, in boxes or crates; Pigs, NOI, in packages; Plates, ⇒NOI, in bundles, boxes, crates, drums or rolls; Powder, NOI, in bags, boxes, drums or ⇒pails; Residue, NOI, in boxes or drums; Rings, NOI, in packages; Rods, NOI, in packages; Scrap, NOI, in packages; Sheets, NOI, ⇒in bundles, boxes, crates, drums or rolls; Shot, NOI, in packages; Slab, NOI, in packages; Solder, NOI, in packages; Speiss (smelter by-product, containing cobalt-nickel), in bags or drums; Sponge, NOI, in packages;	

SUBJECT 9

Proposed Classification Provisions—Continued

Item	Description	Class
METALS GROUP: subject to item 135300		
Metals or Metal Alloys , see Note, item 135956, viz.: subject to item 135955		
Strip , NOI, ⇨ in bundles, boxes, crates, drums or rolls;		
⇨ Swarf , NOI, in bags, boxes, drums or pails;		
Turnings , NOI, other than scrap, in boxes or drums;		
Welding Rods or Wire , NOI, in packages or on reels;		
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
135956	NOTE—Does not apply on alloys containing gold, silver, palladium or platinum.	
200480	ZINC OR ZINC ALLOYS GROUP:	⇨ Cancel; no further application
200740	Ingots	⇨ Cancel; see item 135955
200840	Pig or Slab	⇨ Cancel; see item 135955
200860	Plate, Sheet or Strip , brass, chromium, copper or nickel plated, etc	⇨ Cancel; see item 135955
200870	Plate, Sheet or Strip , enameled, etc	⇨ Cancel; see item 135955
200880	Plate, Sheet or Strip , perforated, etc	⇨ Cancel; see item 135955
200890	Plate, Sheet or Strip , NOI, etc	⇨ Cancel; see item 135955

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Proposed Classification Provisions—Concluded

Item	Description	Class
	ZINC OR ZINC ALLOYS GROUP: subject to item 200480	
201050	Zinc or Zinc Alloys, viz.: Anodes , in packages; Bar or Rod , in packages; Blanks or Stampings , NOI, in boxes; Borings, Grindings or Turnings , in bags, boxes or drums; Caps , fill, bulk storage tank, with or without plastic coating, in boxes; Castings or Extrusions , NOI, in boxes, crates or drums; Couplings or Connections , flexible hose, NOI, plain or chrome or brass plated, in boxes; Dry Battery Shells , in boxes; Dust or Powder , in bags, boxes, drums or pails; Fasteners , roofing, in boxes or drums; Inserts , concrete construction, threaded, see Note, item 201051, in boxes; Insulator Thimbles , in boxes; Moldings , NOI, in boxes or crates; Nails or Spikes , in boxes; Nozzles , NOI, in boxes; Parts , trophy, cast zinc, not plated or plated with other than precious metals, with or without mounting rods or studs attached, in boxes; Scrap , NOI (scraps or pieces having value for remelting purpose only), in bags, bales, boxes, crates or drums; Shavings , in bags, boxes, drums or pails; Tags , in boxes or drums; Wire , in packages; Zinc Articles , NOI, in boxes; Zinc , mossy, etc ➔Cancel; see item 56290, 61700, 95190, 135955 and provisions otherwise applicable	
201051	NOTE—➔Cancel; no further application.	

SUBJECT 9**Analysis****Introduction**

Seven items in the Zinc or Zinc Alloys Group, as shown in the Present Classification Provisions herein, name particular types of products composed of zinc or zinc alloys, 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, items 200740, 200840, 200860, 200870, 200880 and 200890 would be canceled with reference to the full-scale, density-based provisions of item 135955⁹. Item 201050 would be canceled with reference to the full-scale, density-based provisions of items 56290⁹, 61700⁹, 95190⁹, 135955⁹ and provisions otherwise applicable, and Note, item 201051 would be canceled with no further application.

Additionally, the Zinc or Zinc Alloys Group, item 200480, would be canceled with no further application.

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

⁹ Items 56290, 61700, 95190 and 135955 provide the FCDC's 13-subprovision density scale, which includes reference to Item (Rule) 170, the inadvertence clause.