

SUBJECT 10

SUBJECT 10: Hazardous Materials

Re: Hazardous Materials

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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 10: Hazardous Materials

**Quick View:** Items applying on hazardous materials are canceled and reestablished under a new generic heading.

- The “☠” symbol is removed from a number of items that no longer apply on shipments of hazardous materials.
- Item (Rule) 110 is amended to clarify the application of items with the “☠” symbol.

**Transportation Characteristics Present:**

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

## SUBJECT 10

Present Classification Provisions

Item	Description	Class
	<b>AIRCRAFT GROUP:</b> subject to item 11750	
11950	✪ <b>Chutes, Slides or Systems</b> , aircraft escape or evacuation, pneumatic, deflated, with gas charged cylinder actuator assembly, with or without other accessorial equipment or hardware, see Note, item 11951, in boxes ..... 150	150
11951	NOTE—Also applies when shipped with survival kit or components.	
	<b>ALLOYS GROUP:</b> subject to item 12700	
12790	✪ <b>Calcium-silicon</b> , including <b>Calcium Silicide</b> , in bags, boxes or drums ..... 50	50
	<b>AMMUNITION, NOT EXPLOSIVE, GROUP:</b> subject to item 14000	
14250	✪ <b>Projectiles or Rocket Head</b> , empty, sand-loaded, solid or practice ..... 85	85
	<b>AUTOMOBILE PARTS GROUP:</b> subject to item 17800	
19500	✪ <b>Shock Absorbers</b> , including <b>Strut Assemblies (Struts); or Parts thereof</b> , rubber or steel; see Note, item 19501, in packages ..... 70	70
19501	NOTE—Does not apply on air springs. For applicable provisions, see item 177905, 'Air Springs.'	
22820	✪ <b>Battery Mix</b> , ground manganese ore and ground graphite combined, in drums or in cloth or paper bags ..... 55	55
	<b>BOAT GROUP:</b> subject to item 24500	
24655	✪ <b>Boats</b> , inflatable, deflated, with or without rigid hull or deck sections, <b>viz.:</b> <b>Boats</b> , NOI; <b>Lifeboats, Life Rafts or Rescue Boats</b> , see Notes, items 24656 and 24657; [Other Articles Listed—Not Involved.] In boxes, crates or Packages 176, 2115 or 2232, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1 ..... 400	400
Sub 2	1 but less than 2 ..... 300	300
Sub 3	2 but less than 4 ..... 250	250
Sub 4	4 but less than 6 ..... 175	175
Sub 5	6 but less than 8 ..... 125	125
Sub 6	8 but less than 10 ..... 100	100
Sub 7	10 but less than 12 ..... 92.5	92.5
Sub 8	12 but less than 15 ..... 85	85
Sub 9	15 but less than 22.5 ..... 70	70
Sub 10	22.5 but less than 30 ..... 65	65
Sub 11	30 but less than 35 ..... 60	60
Sub 12	35 but less than 50 ..... 55	55
Sub 13	50 or greater ..... 50	50
24656	NOTE—Also applies on boats or rafts regulated by the U.S. Department of Transportation as a Hazard Class 9, Life-saving Appliance, conforming with the requirements specified in 49 CFR §173.219.'	

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Present Classification Provisions—Continued

Item	Description	Class
	<b>BOAT GROUP:</b> subject to item 24500	
24657	NOTE—Lifeboats, life rafts or rescue boats may be shipped with accompanying equipment for inflation or repair, or articles or supplies for subsistence, navigation or rescue under emergency conditions.	
	<b>BUILDING MATERIALS, MISCELLANEOUS, GROUP:</b> subject to item 33570	
35320	☼ <b>Sealer</b> , asphalt pavement surface, containing coal tar, inert fillers and liquid vehicle, in bulk in drums or in Package 2080.....	55
35480	☼ <b>Underlayment Compounds</b> , floor covering, NOI, see Note, item 35482, in bags, boxes, drums or pails .....	60
35482	NOTE—Applies only on compounds, mixed or not mixed, used for leveling of floors prior to application of floor coverings.	
	<b>CAMERA GROUP:</b> subject to item 39600	
39640	☼ <b>Dry Plates or Films</b> , unexposed, NOI, in boxes .....	100
39660	☼ <b>Films</b> , photographic, moving picture or other than moving picture, <b>or Records, Documents or Files</b> on film; exposed, nonflammable, not exceeding 35 mm, in boxes .....	200
39665	☼ <b>Films</b> , photographic, moving picture or other than moving picture, <b>or Records, Documents or Files</b> on film; exposed, nonflammable, exceeding 35 mm but not exceeding 70 mm, in boxes .....	300
39820	☼ <b>Candles</b> , tear gas, packed in wooden boxes.....	150
	<b>CARBON GROUP:</b> subject to item 40550	
40560	☼ <b>Activated, viz.:</b> Absorbent, clarifying, decolorizing, deodorizing or purifying, not offered for transportation as a Hazard Class 4, in bags, boxes or drums .....	70
	<b>CARRIERS, SHIPPING, GROUP:</b> subject to item 40770	
41160	☼ <b>Cylinders</b> , for shipping air, gases or liquids under pressure, NOI, empty, see Notes, items 41162, 41163, 41164 and 41166, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 12 .....	125
Sub 2	12 but less than 22.5 .....	77.5
Sub 3	22.5 or greater.....	60
41162	NOTE—Cylinders from which material has been exhausted will be regarded as empty provided any residue of such material is at a pressure that is insufficient to allow its release.	
41163	NOTE—Also applies on empty cylinders containing the residue of hazardous material regulated by the U.S. Department of Transportation only when: 1) the material name, identification number, hazard warning label(s) or placard(s), and any other markings indicating that the material is hazardous have been removed, obliterated or securely covered; and 2) they are excepted from the hazardous materials regulations, per 49 CFR §173.29. Otherwise, the cylinders will be classified as the hazardous material contained therein.	

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Present Classification Provisions—Continued

Item	Description	Class
	<b>CARRIERS, SHIPPING, GROUP:</b> subject to item 40770	
41164	NOTE—Also applies when cylinders have been manifolded and mounted on 4-wheel hand trucks.	
41166	NOTE—Cylinders with projecting valves must have valves protected by a hood, cap or other device that will afford adequate protection from damage.	
41820	<b>Cellulose Film</b> , not embossed (sheets of not nitrated cellulose film such as commonly used for wrapping purposes) <b>or Cellulose Film combined</b> with paper or paperboard or combined or coated with plastic:	
Sub 1	☛ <b>Sheets</b> , in boxes or crates or in wrapped bundles or rolls:	
Sub 2	Not printed, in rolls, or in sheets not further processed than cut-to-size .....	55
Sub 3	Printed .....	60
Sub 4	<b>Products</b> , NOI, KD flat, or in rolls, or in sheet form not bent nor folded, in boxes, crates or wrapped bundles or rolls .....	70
41950	☛ <b>Cement</b> , bonding, sealing or embedding, NOI, consisting of sulfur combined with sand, coke breeze or other inert mineral matter, in bags, boxes, crates or drums .....	55
41960	☛ <b>Cement</b> , container, liquid or paste, see Note, item 41962, in boxes or drums ....	60
41962	NOTE—Applies on cement for hermetically sealing glass or metal containers.	
42050	☛ <b>Cement or Glue</b> , polishing wheel, <b>or Thinner</b> , cement, polishing wheel, in metal cans in boxes or in drums or pails .....	65
	<b>CHEMICALS GROUP:</b> subject to item 42600	
43955	<b>Chemicals, viz.:</b>	
	☛ <b>Chemicals</b> , NOI, see Note, item 43959, in bags, boxes, drums, intermediate bulk containers (IBCs), pails or Packages 2258 or 2456;	
	[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



SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	<b>CHEMICALS GROUP:</b> subject to item 42600	
43956	NOTE— Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
43957	NOTE—Not Involved.	
43958	NOTE—Not Involved.	
43959	NOTE—Unless otherwise provided, also applies on materials regulated by the U.S. Department of Transportation as Combustible Liquids in containers with a maximum capacity of 119 gallons or less, as defined in 49 CFR §173.120, and on materials moving under a limited quantity exception, as defined in 49 CFR Part 173, Subpart B.	
43960	NOTE—Not Involved.	
43961	NOTE—Not Involved.	
43962	NOTE—Not Involved.	
44155*	☞ <b>Corrosive Materials</b> , NOI, see Note, item 44156, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	92.5
Sub 2	In Packing Group II.....	85
Sub 3	In Packing Group III.....	70
44156	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 8, Corrosive Material, as defined in 49 CFR §173.136 and required to bear a notice to that effect on bills of lading and packaging.	
44500*	☞ <b>Flammable Liquids</b> , NOI; <b>or Combustible Liquids</b> in bulk containers with a maximum capacity greater than 119 gallons, NOI; see Note, item 44501, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	100
Sub 2	In Packing Group II.....	92.5
Sub 3	In Packing Group III.....	85
44501	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 3: Flammable Liquid; or Combustible Liquid in bulk containers; as defined in 49 CFR §173.120 and required to bear a notice to that effect on bills of lading and packaging.	




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Present Classification Provisions—Continued

Item	Description	Class
	<b>CHEMICALS GROUP:</b> subject to item 42600	
44515*	 <b>Flammable Solid, Spontaneously Combustible or Dangerous When Wet Materials</b> , NOI, see Note, item 44516, in U.S. DOT-authorized packaging:	
Sub 1	Offered for transportation as a Hazard Class 4, Division 4.3:	
Sub 2	In Packing Group I .....	110
Sub 3	In Packing Group II .....	100
Sub 4	In Packing Group III.....	92.5
Sub 5	Offered for transportation as a Hazard Class 4, Division 4.2:	
Sub 6	In Packing Group I .....	150
Sub 7	In Packing Group II .....	92.5
Sub 8	In Packing Group III.....	85
Sub 9	Offered for transportation as a Hazard Class 4, Division 4.1:	
Sub 10	In Packing Group I .....	125
Sub 11	In Packing Group II .....	85
Sub 12	In Packing Group III.....	77.5
44516	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4: Division 4.1, Flammable Solid, other than Self-reactive Material; Division 4.2, Spontaneously Combustible Material; or Division 4.3, Dangerous When Wet Material; as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging. For classes applicable to Self-reactive Material, see item 46047.	
45322*	 <b>Miscellaneous Hazardous Materials</b> , NOI, including <b>Environmentally Hazardous Substances</b> , NOI, or <b>Other Regulated Substances</b> , NOI, see Notes, items 45323 and 45324, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 20 .....	100
Sub 2	20 but less than 30 .....	70
Sub 3	30 or greater .....	60
45323	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 9, Miscellaneous Hazardous Material, other than Hazardous Waste, as defined in 49 CFR §173.140 and required to bear a notice to that effect on bills of lading and packaging. For provisions applicable to Hazardous Waste, see item 196160.	
45324	NOTE—Also applies on <b>Marine Pollutants</b> not specifically listed in 49 CFR §172.101, Hazardous Materials Table, and that do not meet the definition of Hazard Classes 1 through 8.	

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Present Classification Provisions—Continued

Item	Description	Class
	<b>CHEMICALS GROUP:</b> subject to item 42600	
45463*	 <b>Organic Peroxides</b> , NOI, see Note, item 45464, in U.S. DOT-authorized packaging:	
Sub 1	Requiring temperature control per U.S. DOT regulations .....	200
Sub 2	Not requiring temperature control per U.S. DOT regulations:	
Sub 3	Type B.....	200
Sub 4	Type C.....	125
Sub 5	Type D.....	110
Sub 6	Type E.....	100
Sub 7	Type F.....	92.5
45464	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.2, Organic Peroxide, as defined in 49 CFR §173.128 and required to bear a notice to that effect on bills of lading and packaging.	
45467*	 <b>Oxidizers</b> , NOI, see Note, item 45468, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	125
Sub 2	In Packing Group II .....	100
Sub 3	In Packing Group III .....	85
45468	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Oxidizer, as defined in 49 CFR §173.127 and required to bear a notice to that effect on bills of lading and packaging.	
45470*	 <b>Oxygen Generators</b> , chemical, see Notes, items 45471 and 45472, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 4.....	500
Sub 2	4 but less than 8 .....	300
Sub 3	8 or greater .....	150
45471	NOTE—Applies on devices regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Chemical Oxygen Generator, UN3356, as defined in 49 CFR §173.127, offered in compliance with 49 CFR §173.168 and required to bear a notice to that effect on bills of lading and packaging.	
45472	NOTE—Also applies on equipment containing chemical oxygen generators, such as <b>Passenger Service Units (PSUs) or Portable Breathing Equipment (PBE)</b> .	



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Present Classification Provisions—Continued

Item	Description	Class
	<b>CHEMICALS GROUP:</b> subject to item 42600	
45615*	☞☞ <b>Poisonous or Toxic Materials</b> , see Note, item 45616, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I:	
Sub 2	Poisonous by inhalation.....	150
Sub 3	Other than poisonous by inhalation.....	125
Sub 4	In Packing Group II .....	85
Sub 5	In Packing Group III .....	70
45616	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.1, Poisonous or Toxic Material, as defined in 49 CFR §173.132 and required to bear a notice to that effect on bills of lading and packaging.	
46047*	☞☞ <b>Self-reactive Materials</b> , see Note, item 46048, in U.S. DOT-authorized packaging:	
Sub 1	Requiring temperature control per U.S. DOT regulations .....	200
Sub 2	Not requiring temperature control per U.S. DOT regulations:	
Sub 3	Type B.....	175
Sub 4	Type C.....	110
Sub 5	Type D.....	100
Sub 6	Type E.....	92.5
Sub 7	Type F.....	85
46048	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4, Division 4.1, Self-reactive Material, as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging.	
46610	☞☞ <b>Soda or Sodium Salts</b> , NOI:	
Sub 1	In inner containers in boxes .....	100
Sub 2	In bags, or in bulk in boxes or drums .....	85
47720	☞☞ <b>Cigar or Cigarette Lighting Liquids, Fluids or Pastes</b> , in boxes or drums .....	70
50070	☞☞ <b>Compounds</b> , antifreezing, NOI, dry or liquid:	
Sub 1	In bags, in containers in boxes or drums; or in steel cans not less than 3 <sup>1</sup> / <sub>2</sub> gallons capacity, 24 gauge or thicker .....	65
Sub 2	In bulk in drums .....	60
50093	☞☞ <b>Compounds</b> , boiler cleansing, preserving, scale preventing or scale removing, liquid or paste:	
Sub 1	In carboys .....	100
Sub 2	In boxes or drums.....	55
50115	☞☞ <b>Compounds</b> , case hardening or carburizing, in bags, boxes or drums:	
Sub 1	With charcoal or coke base.....	50
Sub 2	NOI.....	70



## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
50155	✳️ <b>Compounds</b> , fireproofing, or <b>Flame Retardants</b> :	
Sub 1	Liquid, NOI:	
Sub 2	In carboys.....	100
Sub 3	In boxes or drums.....	70
Sub 4	Dry, see Note, item 50157, in bags, in Package 2301, or in block form in Package 2273 .....	50
50157	NOTE—Applies only on compounds containing not less than 65 percent by weight of ammonium sulfate and diammonium or monammonium phosphate.	
50175	✳️ <b>Compounds</b> , flour bleaching, NOI, in drums.....	85
50200	✳️ <b>Compounds</b> , gas purifying, NOI, in drums.....	70
50232	✳️ <b>Compounds</b> , iron or steel cleaning, NOI, other than corrosive materials:	
Sub 1	Dry, in drums .....	55
Sub 2	Liquid:	
Sub 3	In carboys.....	100
Sub 4	In drums .....	55
50234	✳️ <b>Compounds</b> , iron or steel rust preventing or removing, NOI, other than corrosive materials and other than petroleum:	
Sub 1	In carboys other than plastic carboys.....	100
Sub 2	In plastic carboys, or in inner containers in boxes .....	77.5
Sub 3	In bulk in drums, see Note, item 50235.....	65
50235	NOTE—Also applies on shipments in flexible square or rectangular molded plastic containers of three gallons capacity, but not over five gallons capacity, contained in fiberboard boxes.	
50237	✳️ <b>Compounds</b> , leather finishing, softening, sponging or stuffing, NOI, in boxes or drums.....	70
50265	✳️ <b>Compounds</b> , NOI, metal purifying, in boxes or drums .....	85
50300	✳️ <b>Compounds</b> , smoke flue cleaning, dry, in boxes, drums or paper-lined cloth bags; or liquid, in drums .....	60
50317	✳️ <b>Compounds</b> , tire puncture, rim sealing, or tire balancing, in boxes or drums, see Note, item 50318, or in pressurized dispensing cans in boxes .....	70
50318	NOTE—Applies also on one injector per shipping container when weight thereof does not exceed 10 percent of gross weight of shipping container.	
50330	✳️ <b>Compounds</b> , type cleaning, liquid, in boxes or drums .....	65
50332	✳️ <b>Compounds</b> , vulcanizing, in boxes or drums .....	85
50385	✳️ <b>Compounds</b> , water system rust or scale preventing, dry, other than boiler cleansing, preserving, scale preventing or scale removing compounds, in boxes or drums .....	70
50420	✳️ <b>Compounds or Agents</b> , proprietary electroplating additive, other than corrosive materials, see Note, item 50421, in bags, boxes or drums .....	55
50421	NOTE—Applies only on proprietary compounds or agents formulated to enhance the quality of finish in electroplating processes.	

## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
50435	☼ <b>Compounds or Fluids</b> , internal combustion engine starting, in boxes .....70 <b>COTTON:</b> subject to item 54100	
54170	☼ <b>Cotton</b> , NOI:	
Sub 1	In bags; or in bales compressed to a density of less than 22½ pounds per cubic foot.....85	
Sub 2	In bales compressed to a density of not less than 22½ pounds per cubic foot, see Note, item 54171 .....70	
54171	NOTE—Shipper must show density on shipping orders and bills of lading at time of shipment. If density is not shown and shipment is inadvertently accepted, class will initially be assessed under the 'in bales compressed to a density of less than 22½ pounds per cubic foot' provision. Upon satisfactory proof of actual density, class will be adjusted accordingly. <b>DENTAL, HOSPITAL, MEDICAL OR SURGICAL SUPPLY GROUP:</b> subject to item 56401	
56800	☼ <b>Life Saving Apparatus</b> , oxygen, in boxes..... 150	
57175	☼ <b>Devices or Systems</b> , acid spill control, consisting of a pressurized container, expellant gas cartridge, discharge hose and shut-off nozzle, with integral equipment necessary for deployment:	
Sub 1	Hand portable, filled with chemical agent, in boxes or crates .....60	
Sub 2	Wheeled, not filled with chemical agent, loose.....92.5	
	<b>DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS GROUP:</b> subject to item 58500	
58610	☼ <b>Charcoal</b> , wood, in tablets, in boxes or drums .....85	
58900	☼ <b>Kits</b> , permanent hair waving, other than electric, in boxes or Package 2407 .....92.5	
59220	☼ <b>Rubbing Alcohol Compound</b> , in boxes .....65	
	<b>ELECTRICAL EQUIPMENT GROUP:</b> subject to item 60500	
60680*	☞ ☼ <b>Batteries or Cells</b> , listed in 49 CFR §172.101, Hazardous Materials Table, see Note, item 60702, in boxes, see Note, item 60703:	
Sub 1	Offered for transportation as a Hazard Class 4, 8 or 9.....70	
Sub 2	Not offered for transportation as a Hazard Class 4, 8 or 9 .....65	
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.	
64300*	☞ ☼ <b>Explosives</b> , consisting of ammunition, explosive or incendiary, or gas or smoke or tear producing; <b>Explosives</b> , NOI; <b>Propellants</b> , explosive; <b>Blasting Agents; Detonators, Igniters or Squibs</b> , motor vehicle air bag deploying; <b>Fireworks; Flares</b> , NOI; or <b>Ammunition or Cartridges</b> , small arms, blank or loaded; in U.S. DOT-authorized packaging:	
Sub 1	Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item 64301 .....200	
Sub 2	Other than Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item 64302 .....85	

## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
64301	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.1, 1.2 or 1.3, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging.	
64302	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.4, 1.5 or 1.6, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging, or on articles or materials moving under the limited quantity exception as defined in 49 CFR §173.63(b).	
	<b>EXTRACTS:</b> subject to item 64350	
64370	☛ <b>Chestnut or Quebracho;</b> dry, in bales, boxes, drums or cloth or five-ply paper bags; or liquid, in drums .....65	
64400	☛ <b>Fustic or Logwood:</b>	
Sub 1	Dry, in bags, boxes or drums .....85	
Sub 2	Liquid or paste, in drums .....70	
64430	☛ <b>Hypernic, Osage Orange, Quercitron or Redwood:</b>	
Sub 1	Dry, in boxes or drums .....85	
Sub 2	Liquid or paste, in drums .....70	
64490	☛ <b>Tanning,</b> natural or synthetic, NOI; dry, in bales, boxes, drums or cloth or five-ply paper bags; or liquid or paste, in drums .....65	
68100	☛ <b>Fertilizer Materials,</b> having value only for fertilizer purposes or for nitrogen content, <b>viz.:</b> <b>Cake,</b> tung nut oil; <b>Clippings,</b> felt; <b>Hoofs,</b> animal; <b>Horns,</b> animal; <b>Meal,</b> tung nut oil; <b>Refuse,</b> fur or fur piece; <b>Scrap,</b> felt; <b>Shavings,</b> taken from hides during tanning process; <b>Sludge,</b> sewage, dry; <b>Stumps,</b> animal horn; <b>Waste,</b> animal horn; <b>Waste,</b> cartridge; <b>Waste,</b> felt; <b>Waste,</b> fur or fur piece; <b>Waste,</b> mustard seed; In packages .....50	
68120	☛ <b>Fertilizer,</b> raw bone meal, containing not less than 4 percent ammonia and not over 50 percent of bone phosphate of lime, in bulk in bags or drums .....50	




## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
68140	☼ <b>Fertilizing Compounds (Manufactured Fertilizers)</b> , NOI, see Note, item 68144:	
Sub 1	Dry:	
Sub 2	In inner containers in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 3	Less than 20 .....	110
Sub 4	20 or greater .....	60
Sub 5	In bulk in bags, boxes, drums or Package 2435 .....	50
Sub 6	Liquid, in boxes or drums .....	70
68144	NOTE—Will also apply when having a content of herbicides or insecticides admixed not to exceed five percent of gross weight of fertilizer.	
68880	☼ <b>Filler</b> , rubber tire, in bags or boxes .....	85
69160	☼ <b>Fire Extinguisher Charges or Compounds</b> , NOI, other than corrosive materials, in bags, boxes, drums or pails .....	60
69185*	☞☼ <b>Fire Extinguishers</b> , chemical, charged, see Note, item 69186, in boxes or crates, see Note, item 69187:	
Sub 1	Wheeled .....	110
Sub 2	Other than wheeled .....	77.5
69186	NOTE—Fire extinguishers must comply with U.S. DOT specifications.	
69187	NOTE—Fire extinguishers must be securely positioned in boxes or crates by interior packing forms as necessary to afford adequate protection against damage and to prevent shifting.	
70060	☼ <b>Flares or Fusees</b> , railway or highway, see Notes, items 70061 and 70062, in boxes .....	85
70061	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4, Division 4.1, Flammable Solid, as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging.	
70062	NOTE—Also applies on <b>Highway Emergency Kits</b> containing railway or highway flares or fusees.	
70360	☼ <b>Flocks</b> , rayon or synthetic fiber, NOI, in bags, bales or boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	12 or less .....	100
Sub 2	Over 12 .....	70
71690	☼ <b>Flux</b> , soldering ( <b>Soldering Salts</b> ), NOI, liquid:	
Sub 1	In carboys .....	100
Sub 2	In boxes or drums .....	70
71697	☼ <b>Foggers or Sprayers</b> , self-defense, containing mace or pepper, with or without handles, holsters or carrying cases, in boxes .....	77.5
75550	☼ <b>Footwarmer or Hot Bottle Charges</b> , chemical, in boxes or drums .....	85







SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	<b>GASES OR CRYOGENIC LIQUIDS GROUP:</b> subject to item 85500	
85880*	 <b>Gases, NOI, or Gas Mixtures</b> , NOI, other than flammable or toxic, see Note, item 85881; in cargo tanks or steel cylinders, see Note, item 85882; or in containers in boxes, see Note, item 85883 ..... 110	110
85881	NOTE— 1. Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.2, Nonflammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging. 2. Does not apply when U.S. Department of Transportation regulations require shipping containers to bear a 2.1 'FLAMMABLE GAS' or 2.3 'INHALATION HAZARD' label.	
85882	NOTE—Neon, inert may be shipped in aluminum cylinders.	
85883	NOTE—Liquefied helium may be shipped in doublewall vacuum insulated containers without additional packaging, subject to the following: 1. When container exceeds 30 liters in capacity but does not exceed 100 liters capacity. 2. When container exceeds 100 liters capacity, container must be equipped with a base which will prevent rolling if container is laid on its side. When base is equipped with wheels, container must rest on two wheels and on immovable legs, skids or pad during transit. 3. When not constructed as described in paragraph (2), above, container body must be protected with a sleeve of solid fiberboard 1/4 inch or thicker or with material of equal or greater strength. Fiberboard may be laminated to form closely fitted vertical segments held together with a layer of fiberboard to facilitate forming around container body. 4. Valves, gauges and venting devices must not project above protective cage.	
85890*	 <b>Gases or Gas Mixtures</b> , flammable, see Note, item 85891, in metal cylinders, or in containers in boxes or crates ..... 125	125
85891	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.1, Flammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
85900*	 <b>Gases or Gas Mixtures</b> , poisonous by inhalation, see Note, item 85901, in metal cylinders, in metal drums, or in containers in boxes or crates:	
Sub 1	In Hazard Zone A ..... 200	200
Sub 2	In Hazard Zone B ..... 175	175
Sub 3	Other than in Hazard Zone A or B ..... 150	150

## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	<b>GASES OR CRYOGENIC LIQUIDS GROUP:</b> subject to item 85500	
85901	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.3, Poison Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
86070*	 <b>Oxygen</b> , recreational, in handheld canisters or containers, in U.S. DOT-authorized packaging:	
Sub 1	Offered for transportation as a Hazard Class 2, Division 2.2, see Note, item 86071, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 6 .....	250
Sub 3	6 or greater.....	150
Sub 4	Not offered for transportation as a Hazard Class 2, Division 2.2, see Note, item 86072, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 5	Less than 6 .....	200
Sub 6	6 or greater.....	125
86071	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.2, Nonflammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
86072	NOTE—Applies on materials moving under Special Permit DOT-SP 10704, or a limited quantity exception as defined in 49 CFR §173.306.	
86220	 <b>Gasoline Preservative</b> , NOI, in drums .....	70
101682*	 <b>Infectious Substances; Biological Products; Cultures; Patient Specimens; Regulated Medical Waste (RMW), Clinical Waste or Biomedical Waste; Sharps; Toxins; or Used Health Care Products;</b> see Note, item 101683, in U.S. DOT-authorized packaging. ....	0
101683	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.2, Infectious Substance (Etiologic Agent), as defined in 49 CFR §173.134 and required to bear a notice to that effect on bills of lading and packaging.	
103940	 <b>Iron Mass or Sponge</b> , gas purifying, not spent, in bags, boxes or drums.....	50
	<b>IRON OR STEEL:</b> subject to item 104012	
105580	 <b>Iron</b> , powdered, NOI, in bags, boxes, drums or pails .....	60
108420	 <b>Kits</b> , wooden furniture finishing or refinishing, see Note, item 108422, in boxes .....	70
108422	NOTE—Only applies on kits consisting of materials for finishing or refinishing surfaces of wooden furniture, with or without applicators.	



## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
111230*	☞ <b>Lighters, viz.:</b> <b>Lighters</b> , cigar, cigarette or pipe, NOI; <b>Lighters</b> , multipurpose or utility, stem or nozzle type;	
Sub 1	Other than containing flammable gas or flammable liquid; or containing flammable gas transported in accordance with 49 CFR §173.308(e); in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 10 .....	150
Sub 3	10 or greater .....	70
Sub 4	Containing flammable gas, other than transported in accordance with 49 CFR §173.308(e), see Note, item 111232, in U.S. DOT-authorized packaging .....	250
Sub 5	Containing flammable liquid, see Note, item 111233, in U.S. DOT-authorized packaging .....	150
111232	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.1, Flammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
111233	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 3, Flammable Liquid, as defined in 49 CFR §173.120 and required to bear a notice to that effect on bills of lading and packaging.	
113800	☞ <b>Lye</b> , concentrated, NOI, in boxes or drums .....	55
	<b>MACHINERY GROUP:</b> subject to item 114000	
119200	☞ <b>Cylinders:</b>	
119260	☞ <b>Hydraulic or Pneumatic</b> , other than rotary, steel, see Note, item 119262, in packages .....	70
119262	NOTE—Applies on hydraulic or pneumatic cylinders of the nonrotating type such as used for lifting, or hoisting, without oil reservoirs or valve controls.	
129940	☞ <b>Shock Absorbers; or Parts thereof</b> , rubber or steel; see Note, item 129941, in packages .....	70
129941	NOTE—Does not apply on air springs. For applicable provisions, see item 177905, 'Air Springs.'	
	<b>MAGNESIUM METAL OR MAGNESIUM METAL ALLOYS:</b> subject to item 133600	
133870	☞ <b>Scrap</b> , in packages .....	60
134200	☞ <b>Matches</b> , in boxes .....	77.5
	<b>METALS GROUP:</b> subject to item 135300	
135380	☞ <b>Arsenic</b> , metallic, in boxes or drums .....	100
135870	☞ <b>Lithium Metal</b> , in packages .....	100
136020	☞ <b>Potassium (Potash)</b> , metallic, in boxes or drums .....	100
136400	☞ <b>Sodium-potassium Alloys</b> , metallic, in metal containers in wooden boxes .....	100



## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
138640	☛ <b>Mud or Compounds</b> , gas or oil well drilling, or <b>Gas or Oil Well Drilling Mud Treating Compounds</b> , in bags or drums .....50	
	<b>NICKEL GROUP:</b> subject to item 139740	
139930	☛ <b>Powder</b> , nickel, in boxes or drums:	
Sub 1	Reduced nickel; or carbonyl, see Note, item 139932.....	77.5
Sub 2	NOI, see Note, item 139931 .....	70
139931	NOTE—Provisions on nickel powder, NOI, apply only on powder produced by chemical precipitation from ore.	
139932	NOTE—Applies on nickel powder produced by the thermal decomposition of nickel carbonyl gas.	
141040	☛ <b>Nitrogen Fertilizer Solution or Fertilizer Ammoniating Solution</b> , consisting of water and agricultural nitrogen salts, ammoniated or not ammoniated, total free ammonia content not to exceed 50 percent by weight, shipper to so certify on the bill of lading, in drums.....	70
	<b>NUTS, EDIBLE, GROUP:</b> subject to item 141600	
141720	☛ <b>Nut Meal</b> , NOI, in containers in boxes or drums .....	100
	<b>OIL, WATER OR GAS WELL GROUP:</b> subject to item 142700	
144130	☛ <b>Tools</b> , drilling, NOI .....	77.5
	<b>PAINTS GROUP:</b> subject to item 149500	
150290	☛ <b>Wallpaper Remover</b> , liquid, in boxes .....	70
	<b>PESTICIDES GROUP:</b> subject to item 155000	
155010	☛ <b>Calcium Arsenate, Lead Arsenate, Lime or Paris Green and Sulfur combined</b> , dry, in bags, boxes or drums, see Note, item 155011 .....	77.5
155011	NOTE—Applies only when Paris green content does not exceed 15 percent by weight.	
155015	☛ <b>Chlorinated Hydrocarbon Insecticides or Pesticides</b> , see Note, item 155016, viz.: <b>Benzene Hexachloride (BHC);</b> <b>Chlordane;</b> <b>Chlorinated Camphene (Toxaphene);</b> <b>Dichlorodiphenyl Dichloroethane (DDD);</b> <b>Dichlorodiphenyl Trichloroethane (DDT);</b> <b>Perthane;</b> .....	Not Taken
155016	NOTE—If shipment is inadvertently accepted, class 500 will apply.	
155030	☛ <b>Grain</b> , poisoned, in bags, boxes or drums .....	77.5
155063	☛ <b>Sulfur, Zinc Sulfate and Lead Arsenate combined</b> , in containers in boxes.....	77.5
161490	☛ <b>Preservatives</b> , wood, NOI:	
Sub 1	Dry, in drums or Package 2072.....	70
Sub 2	Liquid or paste; in inner containers in boxes or drums; or in drums or pails .....	55

## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
162820	☼ <b>Projectors</b> , radioactive ray, with or without stands or radioactive materials, see Note, item 162821, in boxes or crates:	
Sub 1	Industrial .....	150
Sub 2	Medical .....	100
162821	NOTE—Provisions do not apply on X-ray machines. For classes applicable to X-ray machines see item 63560.	
163030	☼ <b>Pyroxylin Solutions</b> , NOI (liquid or jelly pyroxylin, including collodion):	
Sub 1	In glass in boxes or drums .....	100
Sub 2	In inner containers in boxes or drums, or in bulk in drums .....	85
164900*	☞☼ <b>Radioactive Materials</b> , see Notes, items 164901 and 164902, in U.S. DOT-authorized containers, released to a value not exceeding \$25.00 per pound, see Note, item 164903 .....	250
164901	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 7, Radioactive Material, as defined in 49 CFR §173.403 and required to bear a notice to that effect on bills of lading and packaging.	
164902	NOTE—Shipment may include accompanying tools for opening and closing container.	
164903	NOTE—Unless otherwise provided in individual participating carriers' tariffs, materials moving under the provisions of item 164900 shall only be accepted subject to a maximum liability of \$25.00 per pound. If shipper fails to declare a value, or declares a value in excess of \$25.00 per pound, shipment will not be accepted, but if the shipment is inadvertently accepted, it will be considered as being released to a value not exceeding \$25.00 per pound and the shipment will move subject to such limitation of liability. In no instance will carriers' liability exceed the actual value of the material lost or damaged.	
168855*	☞☼ <b>Reagents</b> , copper extraction ( <b>Copper Extractants</b> ), other than corrosive materials, in drums or intermediate bulk containers (IBCs) .....	60
	<b>ROOFING OR SIDING MATERIALS GROUP:</b> subject to item 170000	
170040	☼ <b>Cement</b> , roofing tile:	
Sub 1	In double bags or in pails .....	70
Sub 2	In boxes or drums .....	60
171260	☼ <b>Rosin</b> :	
Sub 1	In containers in boxes or drums .....	70
Sub 2	In bulk in boxes or drums, see Note, item 171262 .....	55
Sub 3	In bags .....	65
171262	NOTE—Also applies on rosin in solid blocks in fiber boxes, rosin in fiber drums, or rosin in solid mass in Package 2501.	
171310	☼ <b>Rosin Liquor</b> (rosin and not to exceed 40 percent of mineral spirits), in drums .....	70
171350	☼ <b>Rosin Residue or Pine Oil Foots</b> , in boxes or drums .....	55





## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	<b>RUBBER MATERIALS GROUP:</b> subject to item 171600	
171800	☛ <b>Rubber</b> , crude; <b>Rubber</b> , reclaimed; <b>or Rubber Compounds</b> , unvulcanized; <b>or Scraps thereof</b> ; in bags, bales, boxes, drums or packages.....	60
171820	☛ <b>Rubber</b> , reclaimed, dispersed, liquid or paste, in drums or pails .....	60
171860	☛ <b>Rubber</b> , scrap, hard rubber, pulverized, in bags .....	50
171880	☛ <b>Rubber</b> , scrap, NOI, see Note, item 171884, in packages .....	50
171884	NOTE—Applies only on: scraps, pieces or trimmings of rubber-impregnated cloth; reclaimers' tailings or residue; old worn-out rubber boots, shoes, belting, clothing, rolls or rollers, hose, mats, matting or packing; or similar worn-out articles; having value only for reclamation of raw materials. Such articles must be described on bills of lading and shipping orders at time of shipment as 'Scrap Rubber.' Does not apply on fragments, scraps or pieces of rubber tires; see item 195720 for applicable provisions. Also does not apply on rubber tires in their original form or shape; for applicable provisions, see item 156600, 157226, 157230 or 157238, with final determination of item dependent on the type of tire.	
171980	☛ <b>Shavings or Turnings</b> , hard rubber, in packages .....	85
	<b>SHELLS GROUP:</b> subject to item 175360	
175375	☛ <b>Bean</b> , cocoa:	
Sub 1	In bulk in bags .....	50
Sub 2	In containers in boxes or drums .....	65
175515	☛ <b>Shells</b> , cartridge ( <b>Cartridge Cases</b> ), empty, for small arms, primed, in boxes .....	100
177120	☛ <b>Specimens</b> , prepaid, see Note, item 177122:	
Sub 1	Animals, birds, fish or reptiles, preserved in alcohol or formaldehyde, in drums or pails or in inner containers in boxes .....	85
Sub 2	Botanical or insect, in boxes or drums .....	100
Sub 3	Mineral or petrified wood, in boxes, crates or drums .....	85
177122	NOTE—Does not apply on any commodity which is defined and specified as medical waste in Federal regulations. For applicable class, see item 101682.	

## SUBJECT 10

Present Classification Provisions—Continued

Item	Description	Class
	<b>VEHICLES, MOTOR:</b> subject to item 190100	
190235*	 <b>Cars, Lift Trucks or Vehicles</b> , NOI, not designed for general highway use, see Note, item 190236:	
Sub 1	In boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8 .....	175
Sub 3	8 but less than 12 .....	100
Sub 4	12 or greater.....	70
Sub 5	In packages other than boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 8 .....	200
Sub 7	8 but less than 12 .....	110
Sub 8	12 or greater.....	77.5
190236	NOTE—Also applies on <b>Tugs or Tuggers</b> , used for pushing or pulling heavy, wheeled equipment or vehicles.	
	<b>VEHICLE PARTS:</b> subject to item 190500	
192080*	 <b>Inflators or Modules</b> , air bag, motor vehicle supplemental restraint system, see Note, item 192081, in boxes:	
Sub 1	Offered for transportation as a Hazard Class 1, Division 1.4, see Note, item 192082.....	85
Sub 2	Offered for transportation as a Hazard Class 9, see Note, item 192083 .....	77.5
192081	NOTE—Applies on air bag inflators or modules as defined in 49 CFR §173.166.	
192082	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.4, Explosive, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging.	
192083	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 9, Miscellaneous Hazardous Material, as defined in 49 CFR §173.140 and required to bear a notice to that effect on bills of lading and packaging.	
	<b>WASTE MATERIALS GROUP:</b> subject to item 194200	
194560	 <b>Cellulose Film Scrap or Waste</b> , see Note, item 194562:	
Sub 1	In packages not machine pressed .....	85
Sub 2	In machine pressed bales, or on spools in boxes.....	55
194562	NOTE—Applies only on scrap or waste of not nitrated transparent cellulose film, such as commonly used for wrapping purposes.	
196160*	 <b>Waste</b> , hazardous, see Note, item 196161, in packages complying with applicable federal regulations .....	0

SUBJECT 10

Present Classification Provisions—Concluded

Item	Description	Class
	<b>WASTE MATERIALS GROUP:</b> subject to item 194200	
196161	NOTE—Applies on all articles, materials or substances, other than radioactive, subject to the laws and regulations governing the transportation of hazardous waste for disposal, storage or reclamation, including articles which because of residues, contamination or the combining of materials are subject to such laws or regulations. All hazardous waste subject to this item must be tendered in compliance with applicable laws and regulations.	
196200	<b>☛Waste Materials</b> , having value only for conversion into fiber or for reclamation of raw materials, <b>viz.:</b> <b>Bags or Bagging</b> , worn-out, cut or torn in pieces; [Other Articles Listed—Not Involved.]	
Sub 1	In bags, boxes, crates, drums, or in bales not machine pressed .....	85
Sub 2	In machine pressed bales .....	55
200120	<b>Wool</b> , NOI, including alpaca hair, camel hair or wool, or mohair (angora goat hair):	
200130	<b>☛In the grease</b> , washed or not washed, not scoured:	
Sub 1	In packages, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8 .....	200
Sub 3	8 but less than 12 .....	100
Sub 4	12 but less than 15 .....	85
Sub 5	15 or greater.....	70

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## SUBJECT 10

Proposed Classification Provisions

Item	Description	Class
	<b>AIRCRAFT GROUP:</b> subject to item 11750	
11950	⇒ <b>Chutes, Slides or Systems</b> , aircraft escape or evacuation, pneumatic, deflated, without DOT regulated assembly, with or without other accessorial equipment or hardware, see Note, item A-NEW, in boxes.....	150
11951	NOTE—⇒Cancel; no further application.	
⇒A-NEW	NOTE—When shipped with actuator assembly regulated as hazardous by the U.S. Department of Transportation, see Item 422.	
	<b>ALLOYS GROUP:</b> subject to item 12700	
12790	⇒ <b>Calcium-silicon</b> , including <b>Calcium Silicide</b> , in bags, boxes or drums .....	50
	<b>AMMUNITION, NOT EXPLOSIVE, GROUP:</b> subject to item 14000	
14250	⇒ <b>Projectiles or Rocket Head</b> , empty, sand-loaded, solid or practice.....	85
	<b>AUTOMOBILE PARTS GROUP:</b> subject to item 17800	
19500	⇒ <b>Shock Absorbers</b> , including <b>Strut Assemblies (Struts); or Parts thereof</b> , rubber or steel; see Note, item 19501, in packages .....	70
19501	NOTE—Does not apply on air springs. For applicable provisions, see item 177905, 'Air Springs.'	
22820	⇒ <b>Battery Mix</b> , ground manganese ore and ground graphite combined, in bags or drums .....	55
	<b>BOAT GROUP:</b> subject to item 24500	
24655	⇒ <b>Boats</b> , inflatable, deflated, with or without rigid hull or deck sections, <b>viz.:</b> <b>Boats</b> , NOI; <b>Lifeboats, Life Rafts or Rescue Boats</b> , see Note, item 24657; [Other Articles Listed—No Change.] In boxes, crates or Packages 176, 2115 or 2232, 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
24656	NOTE—⇒Cancel; no further application.	

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
24657	NOTE—Lifeboats, life rafts or rescue boats may be shipped with accompanying equipment for inflation or repair, or articles or supplies for subsistence, navigation or rescue under emergency conditions.	
	<b>BUILDING MATERIALS, MISCELLANEOUS, GROUP:</b> subject to item 33570	
35320	⇒ <b>Sealer</b> , asphalt pavement surface, containing coal tar, inert fillers and liquid vehicle, in bulk in drums or in Package 2080.....	55
35480	⇒ <b>Underlayment Compounds</b> , floor covering, NOI, see Note, item 35482, in bags, boxes, drums or pails .....	60
35482	NOTE—Applies only on compounds, mixed or not mixed, used for leveling of floors prior to application of floor coverings.	
	<b>CAMERA GROUP:</b> subject to item 39600	
39640	⇒ <b>Dry Plates or Films</b> , unexposed, NOI, in boxes .....	100
39660	⇒ <b>Films</b> , photographic, moving picture or other than moving picture, <b>or Records, Documents or Files</b> on film; exposed, nonflammable, not exceeding 35 mm, in boxes .....	200
39665	⇒ <b>Films</b> , photographic, moving picture or other than moving picture, <b>or Records, Documents or Files</b> on film; exposed, nonflammable, exceeding 35 mm but not exceeding 70 mm, in boxes .....	300
39820	⇒ <b>Candles</b> , tear gas, see Note, item B-NEW, in boxes.....	150
⇒B-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	<b>CARBON GROUP:</b> subject to item 40550	
40560	⇒ <b>Activated, viz.:</b> Absorbent, clarifying, decolorizing, deodorizing or purifying, not offered for transportation as a Hazard Class 4, see Note, item C-NEW, in bags, boxes or drums.....	70
⇒C-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	<b>CARRIERS, SHIPPING, GROUP:</b> subject to item 40770	
41160	⇒ <b>Cylinders</b> , for shipping air, gases or liquids under pressure, NOI, empty, see Notes, items 41162, 41164, 41166 and D-NEW, subject to item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 12.....	125
Sub 2	12 but less than 22.5 .....	77.5
Sub 3	22.5 or greater.....	60
41162	NOTE—Cylinders from which material has been exhausted will be regarded as empty provided any residue of such material is at a pressure that is insufficient to allow its release.	
41163	NOTE—⇒Cancel; no further application.	



SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
	<b>CARRIERS, SHIPPING, GROUP:</b> subject to item 40770	
41164	NOTE—Also applies when cylinders have been manifolded and mounted on 4-wheel hand trucks.	
41166	NOTE—Cylinders with projecting valves must have valves protected by a hood, cap or other device that will afford adequate protection from damage.	
⇒D-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
41820	<b>Cellulose Film</b> , not embossed (sheets of not nitrated cellulose film such as commonly used for wrapping purposes) <b>or Cellulose Film combined</b> with paper or paperboard or combined or coated with plastic:	
Sub 1	⇒ <b>Sheets</b> , in boxes or crates or in wrapped bundles or rolls:	
Sub 2	Not printed, in rolls, or in sheets not further processed than cut-to-size .....	55
Sub 3	Printed .....	60
Sub 4	<b>Products</b> , NOI, KD flat, or in rolls, or in sheet form not bent nor folded, in boxes, crates or wrapped bundles or rolls .....	70
41950	⇒ <b>Cement</b> , bonding, sealing or embedding, NOI, consisting of sulfur combined with sand, coke breeze or other inert mineral matter, in bags, boxes, crates, drums or pails .....	55
41960	⇒ <b>Cement</b> , container, liquid or paste, see Note, item 41962, in boxes, drums or pails .....	60
41962	NOTE—Applies on cement for hermetically sealing glass or metal containers.	
42050	⇒ <b>Cement or Glue</b> , polishing wheel, <b>or Thinner</b> , cement, polishing wheel, in boxes, drums or pails .....	65

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
	<b>CHEMICALS GROUP:</b> subject to item 42600	
43955	<b>Chemicals, viz.:</b> ⇒ <b>Chemicals</b> , NOI, see Note, item 43959, in bags, boxes, drums, intermediate bulk containers (IBCs), pails or Packages 2258 or 2456; [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
43956	NOTE—No Change.	
43957	NOTE—No Change.	
43958	NOTE—No Change.	
43959	NOTE—No Change.	
43960	NOTE—No Change.	
43961	NOTE—No Change.	
43962	NOTE—No Change.	
44155	☞☞ <b>Corrosive Materials</b> , NOI, etc .....	⇒Cancel; see item Z-NEW
44156	NOTE—⇒Cancel; see item AA-NEW.	
44500	☞☞ <b>Flammable Liquids</b> , NOI; or <b>Combustible Liquids</b> in bulk containers with a maximum capacity greater than 119 gallons, NOI, etc ....	⇒Cancel; see item AE-NEW
44501	NOTE—⇒Cancel; see item AF-NEW.	
44515	☞☞ <b>Flammable Solid, Spontaneously Combustible or Dangerous When Wet Materials</b> , NOI, etc .....	⇒Cancel; see item AG-NEW
44516	NOTE—⇒Cancel; see item AH-NEW.	
45322	☞☞ <b>Miscellaneous Hazardous Materials</b> , NOI, including <b>Environmentally Hazardous Substances</b> , NOI, or <b>Other Regulated Substances</b> , NOI, etc .....	⇒Cancel; see item AS-NEW
45323	NOTE—⇒Cancel; see item AT-NEW.	
45324	NOTE—⇒Cancel; see item AU-NEW.	

## SUBJECT 10

## Proposed Classification Provisions—Continued

Item	Description	Class
	<b>CHEMICALS GROUP:</b> subject to item 42600	
45463	☞ <b>Organic Peroxides</b> , NOI, etc .....	☞Cancel; see item AV-NEW
45464	NOTE—☞Cancel; see item AW-NEW.	
45467	☞ <b>Oxidizers</b> , NOI, etc .....	☞Cancel; see item AX-NEW
45468	NOTE—☞Cancel; see item AY-NEW.	
45470	☞ <b>Oxygen Generators</b> , chemical, etc .....	☞Cancel; see item AZ-NEW
45471	NOTE—☞Cancel; see item BA-NEW.	
45472	NOTE—☞Cancel; see item BB-NEW.	
45615	☞ <b>Poisonous or Toxic Materials</b> , etc.....	☞Cancel; see item BC-NEW
45616	NOTE—☞Cancel; see item BD-NEW.	
46047	☞ <b>Self-reactive Materials</b> , etc .....	☞Cancel; see item BI-NEW
46048	NOTE—☞Cancel; see item BJ-NEW.	
46610	☞ <b>Soda or Sodium Salts</b> , NOI:	
Sub 1	In inner containers in boxes .....	100
Sub 2	In bags, or in bulk in boxes or drums .....	85
47720	☞ <b>Cigar or Cigarette Lighting Liquids, Fluids or Pastes</b> , in boxes or drums .....	70
50070	☞ <b>Compounds</b> , antifreezing, NOI, dry or liquid:	
Sub 1	In bags, in containers in boxes or in drums or pails; or in steel cans not less than 3½ gallons capacity, 24 gauge or thicker .....	65
Sub 2	In bulk in drums .....	60
50093	☞ <b>Compounds</b> , boiler cleansing, preserving, scale preventing or scale removing, liquid or paste:	
Sub 1	In carboys .....	100
Sub 2	In boxes, drums or pails .....	55
50115	☞ <b>Compounds</b> , case hardening or carburizing, in bags, boxes, drums or pails:	
Sub 1	With charcoal or coke base.....	50
Sub 2	NOI.....	70
50155	☞ <b>Compounds</b> , fireproofing, or <b>Flame Retardants</b> :	
Sub 1	Liquid, NOI:	
Sub 2	In carboys.....	100
Sub 3	In boxes, drums or pails .....	70
Sub 4	Dry, see Note, item 50157, in bags or boxes, in Package 2301, or in block form in Package 2273 .....	50
50157	NOTE—Applies only on compounds containing not less than 65 percent by weight of ammonium sulfate and diammonium or ☞monoammonium phosphate.	
50175	☞ <b>Compounds</b> , flour bleaching, NOI, in drums.....	85
50200	☞ <b>Compounds</b> , gas purifying, NOI, in drums.....	70

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
50232	⇒ <b>Compounds</b> , iron or steel cleaning, NOI, other than corrosive materials:	
Sub 1	Dry, in bags, boxes, drums or pails .....	55
Sub 2	Liquid:	
Sub 3	In carboys.....	100
Sub 4	In drums or pails .....	55
50234	⇒ <b>Compounds</b> , iron or steel rust preventing or removing, NOI, other than corrosive materials and other than petroleum:	
Sub 1	In carboys other than plastic carboys .....	100
Sub 2	In plastic carboys, or in inner containers in boxes .....	77.5
Sub 3	In bulk in drums, see Note, item 50235.....	65
50235	NOTE—Also applies on shipments in flexible square or rectangular molded plastic containers of three gallons capacity, but not over five gallons capacity, contained in fiberboard boxes.	
50237	⇒ <b>Compounds</b> , leather finishing, softening, sponging or stuffing, NOI, in boxes, drums or pails .....	70
50265	⇒ <b>Compounds</b> , NOI, metal purifying, in boxes or drums .....	85
50300	⇒ <b>Compounds</b> , smoke flue cleaning, dry, in bags, boxes or drums; or liquid, in drums .....	60
50317	⇒ <b>Compounds</b> , tire puncture, rim sealing, or tire balancing, in boxes, drums or pails, see Note, item 50318, or in pressurized dispensing cans in boxes .....	70
50318	NOTE—Applies also on one injector per shipping container when weight thereof does not exceed 10 percent of gross weight of shipping container.	
50330	⇒ <b>Compounds</b> , type cleaning, liquid, in boxes, drums or pails .....	65
50332	⇒ <b>Compounds</b> , vulcanizing, in boxes, drums or pails.....	85
50385	⇒ <b>Compounds</b> , water system rust or scale preventing, dry, other than boiler cleansing, preserving, scale preventing or scale removing compounds, in bags, boxes or drums.....	70
50420	⇒ <b>Compounds or Agents</b> , proprietary electroplating additive, other than corrosive materials, see Note, item 50421, in bags, boxes or drums .....	55
50421	NOTE—Applies only on proprietary compounds or agents formulated to enhance the quality of finish in electroplating processes.	
50435	⇒ <b>Compounds or Fluids</b> , internal combustion engine starting, in boxes, drums or pails .....	70
	<b>COTTON:</b> subject to item 54100	
54170	⇒ <b>Cotton</b> , NOI:	
Sub 1	In bags; or in bales compressed to a density of less than 22 <sup>1</sup> / <sub>2</sub> pounds per cubic foot.....	85
Sub 2	In bales compressed to a density of not less than 22 <sup>1</sup> / <sub>2</sub> pounds per cubic foot, see Note, item 54171 .....	70

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
54171	NOTE—Shipper must show density on shipping orders and bills of lading at time of shipment. If density is not shown and shipment is inadvertently accepted, class will initially be assessed under the 'in bales compressed to a density of less than 22 ½ pounds per cubic foot' provision. Upon satisfactory proof of actual density, class will be adjusted accordingly. <b>DENTAL, HOSPITAL, MEDICAL OR SURGICAL SUPPLY GROUP:</b> subject to item 56401	
56800	⇒ <b>Life Saving Apparatus</b> , oxygen, see Note, item E-NEW, in boxes .....150	
⇒E-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
57175	⇒ <b>Devices or Systems</b> , acid spill control, consisting of a pressurized container, expellant gas cartridge, discharge hose and shut-off nozzle, with integral equipment necessary for deployment, see Note, item F-NEW:	
Sub 1	Hand portable, filled with chemical agent, in boxes or crates .....60	
Sub 2	Wheeled, not filled with chemical agent, loose .....92.5	
⇒F-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	<b>DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS GROUP:</b> subject to item 58500	
58610	⇒ <b>Charcoal</b> , wood, in tablets, in boxes or drums .....85	
58900	⇒ <b>Kits</b> , permanent hair waving, other than electric, in boxes or Package 2407 .....92.5	
59220	⇒ <b>Rubbing Alcohol Compound</b> , in boxes .....65	
	<b>ELECTRICAL EQUIPMENT GROUP:</b> subject to item 60500	
⇒60680	<b>Batteries or Cells</b> , listed in 49 CFR §172.101, Hazardous Materials Table, not offered for transportation as a Hazard Class 4, 8 or 9, see Notes, items 60702 and G-NEW, in boxes, see Note, item 60703: .....65	
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.	
⇒G-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
⇒64300	<b>Explosives</b> , consisting of ammunition, explosive or incendiary, or gas or smoke or tear producing; <b>Explosives</b> , NOI; <b>Propellants</b> , explosive; <b>Blasting Agents; Detonators, Igniters or Squibs</b> , motor vehicle air bag deploying; <b>Fireworks; Flares</b> , NOI; or <b>Ammunition or Cartridges</b> , small arms, blank or loaded, see Note, item H-NEW, in U.S. DOT-authorized packaging .....85	
64301	NOTE—⇒Cancel; no further application.	
64302	NOTE—⇒Cancel; no further application.	
⇒H-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see item AB-NEW.	
	<b>EXTRACTS</b> : subject to item 64350	
64370	⇒ <b>Chestnut or Quebracho</b> ; dry, in bags, bales, boxes or drums; or liquid, in drums .....65	
	<b>EXTRACTS</b> : subject to item 64350	
64400	⇒ <b>Fustic or Logwood</b> :	
Sub 1	Dry, in bags, boxes or drums .....85	
Sub 2	Liquid or paste, in drums or pails .....70	
64430	⇒ <b>Hypernic, Osage Orange, Quercitron or Redwood</b> :	
Sub 1	Dry, in bags, boxes or drums .....85	
Sub 2	Liquid or paste, in drums or pails .....70	
64490	⇒ <b>Tanning</b> , natural or synthetic, NOI; dry, in bags, bales, boxes or drums; or liquid or paste, in drums or pails .....65	
68100	⇒ <b>Fertilizer Materials</b> , having value only for fertilizer purposes or for nitrogen content, see Note, item I-NEW, viz.: <b>Cake</b> , tung nut oil; <b>Clippings</b> , felt; <b>Hoofs</b> , animal; <b>Horns</b> , animal; <b>Meal</b> , tung nut oil; <b>Refuse</b> , fur or fur piece; <b>Scrap</b> , felt; <b>Shavings</b> , taken from hides during tanning process; <b>Sludge</b> , sewage, dry; <b>Stumps</b> , animal horn; <b>Waste</b> , animal horn; <b>Waste</b> , cartridge; <b>Waste</b> , felt; <b>Waste</b> , fur or fur piece; <b>Waste</b> , mustard seed; In packages .....50	

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
⇒I-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
68120	⇒ <b>Fertilizer</b> , raw bone meal, containing not less than 4 percent ammonia and not over 50 percent of bone phosphate of lime, in bulk in bags or drums.....	50
68140	⇒ <b>Fertilizing Compounds (Manufactured Fertilizers)</b> , NOI, see Notes, items 68144 and J-NEW:	
Sub 1	Dry:	
Sub 2	In inner containers in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 3	Less than 20 .....	110
Sub 4	20 or greater.....	60
Sub 5	In bulk in bags, boxes, drums or Package 2435 .....	50
Sub 6	Liquid, in boxes, drums or pails .....	70
68144	NOTE—Will also apply when having a content of herbicides or insecticides admixed not to exceed five percent of gross weight of fertilizer.	
⇒J-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
68880	⇒ <b>Filler</b> , rubber tire, in bags, boxes, drums or pails .....	85
69160	⇒ <b>Fire Extinguisher Charges or Compounds</b> , NOI, other than corrosive materials, see Note, item K-NEW, in bags, boxes, drums or pails.....	60
⇒K-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
69185	⇒ <b>Fire Extinguishers</b> , chemical, charged, see Notes, items 69186 and L-NEW, in boxes or crates, see Note, item 69187:	
Sub 1	Wheeled.....	110
Sub 2	Other than wheeled .....	77.5
69186	NOTE—Fire extinguishers must comply with U.S. DOT specifications.	
69187	NOTE—Fire extinguishers must be securely positioned in boxes or crates by interior packing forms as necessary to afford adequate protection against damage and to prevent shifting.	
⇒L-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
70060	⇒ <b>Flares or Fusees</b> , railway or highway, etc .....	⇒Cancel; see item AG-NEW



## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
70061	NOTE—⇒Cancel; no further application.	
70062	NOTE—⇒Cancel; no further application.	
70360	⇒ <b>Flocks</b> , rayon or synthetic fiber, NOI, in bags, bales or boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	12 or less .....	100
Sub 2	Over 12 .....	70
71690	⇒ <b>Flux</b> , soldering ( <b>Soldering Salts</b> ), NOI, liquid:	
Sub 1	In carboys .....	100
Sub 2	In boxes, drums or pails .....	70
71697	⇒ <b>Foggers or Sprayers</b> , self-defense, containing mace or pepper, with or without handles, holsters or carrying cases, in boxes .....	77.5
75550	☛ <b>Footwarmer or Hot Bottle Charges</b> , chemical, in boxes or drums ..... ⇒Cancel; see item 43955	
	<b>GASES OR CRYOGENIC LIQUIDS GROUP:</b> subject to item 85500	
85880	☞☛ <b>Gases</b> , NOI, or <b>Gas Mixtures</b> , NOI, other than flammable or toxic, etc ..... ⇒Cancel; see item AI-NEW	
85881	NOTE—⇒Cancel; see item AJ-NEW.	
85882	NOTE—⇒Cancel; see item AK-NEW.	
85883	NOTE—⇒Cancel; see item AL-NEW.	
85890	☞☛ <b>Gases or Gas Mixtures</b> , flammable, etc ..... ⇒Cancel; see item AM-NEW	
85891	NOTE—⇒Cancel; see item AN-NEW.	
85900	☞☛ <b>Gases or Gas Mixtures</b> , poisonous by inhalation, etc ..... ⇒Cancel; see item AO-NEW	
85901	NOTE—⇒Cancel; see item AP-NEW.	
⇒86070	<b>Oxygen</b> , recreational, not offered for transportation as a Hazard Class 2, Division 2.2, see Note, item 86072, in handheld canisters or containers, in U.S. DOT-authorized packaging subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 5	Less than 6 .....	200
Sub 6	6 or greater .....	125
86071	NOTE—⇒Cancel; see item AR-NEW.	
86072	NOTE—Applies on materials moving under Special Permit DOT-SP 10704, or a limited quantity exception as defined in 49 CFR § 173.306.	
86220	⇒ <b>Gasoline Preservative</b> , NOI, see Note, item M-NEW, in drums or pails .....	70
⇒M-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
101682	☞ <b>Infectious Substances; Biological Products; Cultures; Patient Specimens; Regulated Medical Waste (RMW), Clinical Waste or Biomedical Waste; Sharps; Toxins; or Used Health Care Products; etc.</b> ..... ☞Cancel; see item BK-NEW	
101683	NOTE—☞Cancel; see item BL-NEW.	
103940	☞ <b>Iron Mass or Sponge</b> , gas purifying, not spent, in bags, boxes or drums.....50 <b>IRON OR STEEL:</b> subject to item 104012	
105580	☞ <b>Iron</b> , powdered, NOI, in bags, boxes, drums or pails .....60	
108420	☞ <b>Kits</b> , wooden furniture finishing or refinishing, see Note, item 108422, in boxes .....70	
108422	NOTE—Only applies on kits consisting of materials for finishing or refinishing surfaces of wooden furniture, with or without applicators.	
☞111230	<b>Lighters</b> , see Note, item N-NEW, <b>viz.:</b> <b>Lighters</b> , cigar, cigarette or pipe, NOI; <b>Lighters</b> , multipurpose or utility, stem or nozzle type; Subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 10 .....150	
Sub 3	10 or greater.....70	
111232	NOTE—☞Cancel; no further application.	
111233	NOTE—☞Cancel; no further application.	
☞N-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
113800	☞ <b>Lye</b> , concentrated, NOI, in boxes or drums .....55 <b>MACHINERY GROUP:</b> subject to item 114000	
119200	<b>Cylinders:</b>	
119260	☞ <b>Hydraulic or Pneumatic</b> , other than rotary, steel, see Note, item 119262, in packages .....70	
119262	NOTE—Applies on hydraulic or pneumatic cylinders of the nonrotating type such as used for lifting, or hoisting, without oil reservoirs or valve controls.	
129940	☞ <b>Shock Absorbers; or Parts thereof</b> , rubber or steel; see Note, item 129941, in packages.....70	
129941	NOTE—Does not apply on air springs. For applicable provisions, see item 177905, 'Air Springs.'	
	<b>MAGNESIUM METAL OR MAGNESIUM METAL ALLOYS:</b> subject to item 133600	
133870	☞ <b>Scrap</b> , in packages .....60	
134200	☞ <b>Matches</b> , see Note, item O-NEW, in boxes .....77.5	
☞O-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	<b>METALS GROUP:</b> subject to item 135300	
135380	☞ <b>Arsenic</b> , metallic, in boxes or drums .....100	

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
	<b>METALS GROUP:</b> subject to item 135300	
135870	⇒ <b>Lithium Metal</b> , in packages .....	100
136020	⇒ <b>Potassium (Potash)</b> , metallic, in boxes or drums .....	100
136400	⇒ <b>Sodium-potassium Alloys</b> , metallic, in boxes .....	100
138640	⇒ <b>Mud or Compounds</b> , gas or oil well drilling, <b>or Gas or Oil Well Drilling Mud Treating Compounds</b> , in bags or drums .....	50
	<b>NICKEL GROUP:</b> subject to item 139740	
139930	⇒ <b>Powder</b> , nickel, in boxes or drums:	
Sub 1	Reduced nickel; or carbonyl, see Note, item 139932.....	77.5
Sub 2	NOI, see Note, item 139931 .....	70
139931	NOTE—Provisions on nickel powder, NOI, apply only on powder produced by chemical precipitation from ore.	
139932	NOTE—Applies on nickel powder produced by the thermal decomposition of nickel carbonyl gas.	
141040	⇒ <b>Nitrogen Fertilizer Solution or Fertilizer Ammoniating Solution</b> , consisting of water and agricultural nitrogen salts, ammoniated or not ammoniated, total free ammonia content not to exceed 50 percent by weight, shipper to so certify on the bill of lading, in drums.....	70
	<b>NUTS, EDIBLE, GROUP:</b> subject to item 141600	
141720	⇒ <b>Nut Meal</b> , NOI, in boxes or drums.....	100
	<b>OIL, WATER OR GAS WELL GROUP:</b> subject to item 142700	
144130	⇒ <b>Tools</b> , drilling, NOI, in packages .....	77.5
	<b>PAINTS GROUP:</b> subject to item 149500	
150290	⇒ <b>Wallpaper Remover</b> , liquid, in boxes, drums or pails .....	70
	<b>PESTICIDES GROUP:</b> subject to item 155000	
155010	⇒ <b>Calcium Arsenate, Lead Arsenate, Lime or Paris Green and Sulfur combined</b> , dry, in bags, boxes or drums, see Note, item 155011 .....	77.5
155011	NOTE—Applies only when Paris green content does not exceed 15 percent by weight.	
155015	⇒ <b>Chlorinated Hydrocarbon Insecticides or Pesticides</b> , viz.: <b>Benzene Hexachloride (BHC);</b> <b>Chlordane;</b> <b>Chlorinated Camphene (Toxaphene);</b> <b>Dichlorodiphenyl Dichloroethane (DDD);</b> <b>Dichlorodiphenyl Trichloroethane (DDT);</b> <b>Perthane;</b> .....	Not Taken
155016	NOTE—⇒Cancel; no further application.	
155030	⇒ <b>Grain</b> , poisoned, see Note, item P-NEW, in bags, boxes or drums .....	77.5
⇒P-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
155063	⇒ <b>Sulfur, Zinc Sulfate and Lead Arsenate combined</b> , in containers in boxes....	77.5

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
161490	⇒ <b>Preservatives</b> , wood, NOI:	
Sub 1	Dry, in bags, drums or Package 2072 .....	70
Sub 2	Liquid or paste; in inner containers in boxes or drums; or in drums or pails .....	55
162820	⇒ <b>Projectors</b> , radioactive ray, with or without stands or radioactive materials, see Notes, items 162821 and Q-NEW, in boxes or crates:	
Sub 1	Industrial .....	150
Sub 2	Medical .....	100
162821	NOTE—Provisions do not apply on X-ray machines. For classes applicable to X-ray machines, see item 63560.	
⇒Q-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
163030	⇒ <b>Pyroxylin Solutions</b> , NOI (liquid or jelly pyroxylin, including collodion,):	
Sub 1	In glass in boxes or drums .....	100
Sub 2	In inner containers in boxes or drums, or in bulk in drums .....	85
164900	👉⇒ <b>Radioactive Materials</b> , etc .....	⇒Cancel; see item BE-NEW
164901	NOTE—⇒Cancel; see item BF-NEW.	
164902	NOTE—⇒Cancel; see item BG-NEW.	
164903	NOTE—⇒Cancel; see item BH-NEW.	
168855	👉⇒ <b>Reagents</b> , copper extraction ( <b>Copper Extractants</b> ), other than corrosive materials, see Note, item R-NEW, in drums or intermediate bulk containers (IBCs) .....	60
⇒R-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
<b>ROOFING OR SIDING MATERIALS GROUP:</b> subject to item 170000		
170040	⇒ <b>Cement</b> , roofing tile:	
Sub 1	In double bags or in pails .....	70
Sub 2	In boxes or drums .....	60
171260	⇒ <b>Rosin</b> :	
Sub 1	In containers in boxes or drums .....	70
Sub 2	In bulk in boxes or drums, see Note, item 171262 .....	55
Sub 3	In bags .....	65
171262	NOTE—Also applies on rosin in solid blocks in fiber boxes, rosin in fiber drums, or rosin in solid mass in Package 2501.	
171310	⇒ <b>Rosin Liquor</b> (rosin and not to exceed 40 percent of mineral spirits), in drums...	70
171350	⇒ <b>Rosin Residue or Pine Oil Foots</b> , in boxes or drums .....	55

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
	<b>RUBBER MATERIALS GROUP:</b> subject to item 171600	
171800	⇒ <b>Rubber</b> , crude; <b>Rubber</b> , reclaimed; or <b>Rubber Compounds</b> , unvulcanized; or <b>Scraps thereof</b> ; in bags, bales, boxes, drums or pails.....	60
171820	⇒ <b>Rubber</b> , reclaimed, dispersed, liquid or paste, in drums or pails .....	60
171860	⇒ <b>Rubber</b> , scrap, hard rubber, pulverized, in bags or boxes .....	50
171880	⇒ <b>Rubber</b> , scrap, NOI, see Note, item 171884, in packages .....	50
171884	NOTE—Applies only on: scraps, pieces or trimmings of rubber-impregnated cloth; reclaimers' tailings or residue; old worn-out rubber boots, shoes, belting, clothing, rolls or rollers, hose, mats, matting or packing; or similar worn-out articles; having value only for reclamation of raw materials. Such articles must be described on bills of lading and shipping orders at time of shipment as 'Scrap Rubber.' Does not apply on fragments, scraps or pieces of rubber tires; see item 195720 for applicable provisions. Also does not apply on rubber tires in their original form or shape; for applicable provisions, see item 156600, 157226, 157230 or 157238, with final determination of item dependent on the type of tire.	
171980	⇒ <b>Shavings or Turnings</b> , hard rubber, in packages .....	85
	<b>SHELLS GROUP:</b> subject to item 175360	
175375	⇒ <b>Bean</b> , cocoa:	
Sub 1	In bulk in bags .....	50
Sub 2	In boxes or drums.....	65
175515	⇒ <b>Shells</b> , cartridge ( <b>Cartridge Cases</b> ), empty, for small arms, primed, see Note, item S-NEW, in boxes.....	100
⇒S-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
177120	⇒ <b>Specimens</b> , prepaid, see Notes, items 177122 and T-NEW:	
Sub 1	Animals, birds, fish or reptiles, preserved in alcohol or formaldehyde, in drums or pails or in inner containers in boxes .....	85
Sub 2	Botanical or insect, in boxes or drums .....	100
Sub 3	Mineral or petrified wood, in boxes, crates or drums .....	85
177122	NOTE—Does not apply on any commodity which is defined and specified as medical waste in Federal regulations. For applicable class, see item 101682.	
⇒T-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	

## SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
	<b>VEHICLES, MOTOR:</b> subject to item 190100	
190235	⇒ <b>Cars, Lift Trucks or Vehicles</b> , NOI, not designed for general highway use, see Notes, items 190236 and U-NEW:	
Sub 1	In boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8 .....	175
Sub 3	8 but less than 12 .....	100
Sub 4	12 or greater.....	70
Sub 5	In packages other than boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 8 .....	200
Sub 7	8 but less than 12 .....	110
Sub 8	12 or greater.....	77.5
190236	NOTE—Also applies on <b>Tugs or Tuggers</b> , used for pushing or pulling heavy, wheeled equipment or vehicles.	
⇒U-NEW	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	<b>VEHICLE PARTS:</b> subject to item 190500	
192080	⇒ <b>Inflators or Modules</b> , air bag, motor vehicle supplemental restraint system, see Note, item 192081, in boxes ..... ⇒Cancel; see applicable hazardous provisions.	
192081	NOTE—⇒Cancel; no further application.	
192082	NOTE—⇒Cancel; no further application.	
192083	NOTE—⇒Cancel; no further application.	
	<b>WASTE MATERIALS GROUP:</b> subject to item 194200	
194560	⇒ <b>Cellulose Film Scrap or Waste</b> , see Note, item 194562:	
Sub 1	In packages not machine pressed .....	85
Sub 2	In machine pressed bales, or on spools in boxes.....	55
194562	NOTE—Applies only on scrap or waste of not nitrated transparent cellulose film, such as commonly used for wrapping purposes.	
196160	⇒ <b>Waste</b> , hazardous, etc ..... ⇒Cancel; see item BM-NEW	
196161	NOTE—⇒Cancel; see item BN-NEW.	
196200	⇒ <b>Waste Materials</b> , having value only for conversion into fiber or for reclamation of raw materials, <b>viz.:</b> <b>Bags or Bagging</b> , worn-out, cut or torn in pieces; [Other Articles Listed—No Change.]	
Sub 1	In bags, boxes, crates, drums, or in bales not machine pressed .....	85
Sub 2	In machine pressed bales .....	55



## SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
200120	<b>Wool</b> , NOI, including alpaca hair, camel hair or wool, or mohair (angora goat hair):	
200130	⇒ In the grease, washed or not washed, not scoured:	
Sub 1	In packages, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8 .....	200
Sub 3	8 but less than 12 .....	100
Sub 4	12 but less than 15 .....	85
Sub 5	15 or greater .....	70
⇒V-NEW	<b>HAZARDOUS MATERIALS GROUP:</b> Articles subject to this grouping are regulated by the U.S. Department of Transportation as hazardous and are required to bear a Hazard Class or Hazard Divisions label or placard.	
⇒W-NEW	✋ <b>Batteries or Cells</b> , listed in 49 CFR §172.101, Hazardous Materials Table, offered for transportation as a Hazard Class 4, 8 or 9, see Note, item X-NEW, in boxes, see Note, item Y-NEW .....	70
⇒X-NEW	NOTE—Does not apply on batteries that are mounted in cabinets or racks, with or without wiring or electrical controls, nor on fuel cells.	
⇒Y-NEW	NOTE—Storage batteries, including automobile batteries, may also be shipped in crates or Package 2064 or on lift truck skids or pallets.	
⇒Z-NEW	✋ <b>Corrosive Materials</b> , NOI, see Note, item AA-NEW, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I .....	92.5
Sub 2	In Packing Group II .....	85
Sub 3	In Packing Group III .....	70
⇒AA-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 8, Corrosive Material, as defined in 49 CFR §173.136 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AB-NEW	✋ <b>Explosives</b> , consisting of ammunition, explosive or incendiary, or gas or smoke or tear producing; <b>Explosives</b> , NOI; <b>Propellants</b> , explosive; <b>Blasting Agents; Detonators, Igniters or Squibs</b> , motor vehicle air bag deploying; <b>Fireworks; Flares</b> , NOI; or <b>Ammunition or Cartridges</b> , small arms, blank or loaded; in U.S. DOT-authorized packaging:	
Sub 1	Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item AC-NEW .....	200
Sub 2	Other than Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item AD-NEW ....	85
⇒AC-NEW	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.1, 1.2 or 1.3, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AD-NEW	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.4, 1.5 or 1.6, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging.	



## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
<b>HAZARDOUS MATERIALS GROUP:</b> subject to item V-NEW.		
⇒AE-NEW	☞ <b>Flammable Liquids</b> , NOI; <b>or Combustible Liquids</b> in bulk containers with a maximum capacity greater than 119 gallons, NOI; see Note, item AF-NEW, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	100
Sub 2	In Packing Group II.....	92.5
Sub 3	In Packing Group III.....	85
⇒AF-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 3: Flammable Liquid; or Combustible Liquid in bulk containers; as defined in 49 CFR §173.120 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AG-NEW	☞ <b>Flammable Solid, Spontaneously Combustible or Dangerous When Wet Materials</b> , NOI, see Note, item AH-NEW, in U.S. DOT-authorized packaging:	
Sub 1	Offered for transportation as a Hazard Class 4, Division 4.3:	
Sub 2	In Packing Group I.....	110
Sub 3	In Packing Group II.....	100
Sub 4	In Packing Group III.....	92.5
Sub 5	Offered for transportation as a Hazard Class 4, Division 4.2:	
Sub 6	In Packing Group I.....	150
Sub 7	In Packing Group II.....	92.5
Sub 8	In Packing Group III.....	85
Sub 9	Offered for transportation as a Hazard Class 4, Division 4.1:	
Sub 10	In Packing Group I.....	125
Sub 11	In Packing Group II.....	85
Sub 12	In Packing Group III.....	77.5
⇒AH-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4: Division 4.1, Flammable Solid, other than Self-reactive Material; Division 4.2, Spontaneously Combustible Material; or Division 4.3, Dangerous When Wet Material; as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging. For classes applicable to Self-reactive Material, see item 46047.	
⇒AI-NEW	☞ <b>Gases</b> , NOI, <b>or Gas Mixtures</b> , NOI, other than flammable or toxic, see Note, item AJ-NEW; in cargo tanks or steel cylinders, see Note, item AK-NEW; or in containers in boxes, see Note, item AL-NEW.....	110
⇒AJ-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.2, Nonflammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AK-NEW	NOTE—Neon, inert may be shipped in aluminum cylinders.	

SUBJECT 10

Proposed Classification Provisions—Continued

Item	Description	Class
<b>HAZARDOUS MATERIALS GROUP:</b> subject to item V-NEW.		
⇒AL-NEW	NOTE—Liquefied helium may be shipped in doublewall vacuum insulated containers without additional packaging, subject to the following: 1. When container exceeds 30 liters in capacity but does not exceed 100 liters capacity. 2. When container exceeds 100 liters capacity, container must be equipped with a base which will prevent rolling if container is laid on its side. When base is equipped with wheels, container must rest on two wheels and on immovable legs, skids or pad during transit. 3. When not constructed as described in paragraph (2), above, container body must be protected with a sleeve of solid fiberboard 1/4 inch or thicker or with material of equal or greater strength. Fiberboard may be laminated to form closely fitted vertical segments held together with a layer of fiberboard to facilitate forming around container body. 4. Valves, gauges and venting devices must not project above protective cage.	
⇒AM-NEW	☞☛ <b>Gases or Gas Mixtures</b> , flammable, see Note, item AN-NEW, in metal cylinders, or in containers in boxes or crates.....	125
⇒AN-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.1, Flammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AO-NEW	☞☛ <b>Gases or Gas Mixtures</b> , poisonous by inhalation, see Note, item AP-NEW, in metal cylinders, in metal drums, or in containers in boxes or crates: Sub 1 In Hazard Zone A ..... Sub 2 In Hazard Zone B..... Sub 3 Other than in Hazard Zone A or B .....	200 175 150
⇒AP-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.3, Poison Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AQ-NEW	☞☛ <b>Oxygen</b> , recreational, offered for transportation as a Hazard Class 2, Division 2.2, see Note, item AR-NEW, in handheld canisters or containers, in U.S. DOT-authorized packaging subject to Item 170 and having a density in pounds per cubic foot of: Sub 2 Less than 6..... Sub 3 6 or greater .....	250 150
⇒AR-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 2, Division 2.2, Nonflammable Gas, as defined in 49 CFR §173.115 and required to bear a notice to that effect on bills of lading and packaging.	




## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
<b>HAZARDOUS MATERIALS GROUP:</b> subject to item V-NEW.		
⇒AS-NEW	☞ <b>Miscellaneous Hazardous Materials</b> , NOI, including <b>Environmentally Hazardous Substances</b> , NOI, or <b>Other Regulated Substances</b> , NOI, see Notes, items AT-NEW and AU-NEW, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 20 .....	100
Sub 2	20 but less than 30 .....	70
Sub 3	30 or greater .....	60
⇒AT-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 9, Miscellaneous Hazardous Material, other than Hazardous Waste, as defined in 49 CFR §173.140 and required to bear a notice to that effect on bills of lading and packaging. For provisions applicable to Hazardous Waste, see item 196160.	
⇒AU-NEW	NOTE—Also applies on Marine Pollutants not specifically listed in 49 CFR §172.101, Hazardous Materials Table, and that do not meet the definition of Hazard Classes 1 through 8.	
⇒AV-NEW	☞ <b>Organic Peroxides</b> , NOI, see Note, item AW-NEW, in U.S. DOT-authorized packaging:	
Sub 1	Requiring temperature control per U.S. DOT regulations .....	200
Sub 2	Not requiring temperature control per U.S. DOT regulations:	
Sub 3	Type B.....	200
Sub 4	Type C.....	125
Sub 5	Type D.....	110
Sub 6	Type E.....	100
Sub 7	Type F.....	92.5
⇒AW-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.2, Organic Peroxide, as defined in 49 CFR §173.128 and required to bear a notice to that effect on bills of lading and packaging.	
⇒AX-NEW	☞ <b>Oxidizers</b> , NOI, see Note, item AY-NEW, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	125
Sub 2	In Packing Group II .....	100
Sub 3	In Packing Group III .....	85
⇒AY-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Oxidizer, as defined in 49 CFR §173.127 and required to bear a notice to that effect on bills of lading and packaging.	

## SUBJECT 10

**Proposed Classification Provisions—Continued**

Item	Description	Class
<b>HAZARDOUS MATERIALS GROUP:</b> subject to item V-NEW.		
⇒AZ-NEW	 <b>Oxygen Generators</b> , chemical, see Notes, items BA-NEW and BB-NEW, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 4 .....	500
Sub 2	4 but less than 8 .....	300
Sub 3	8 or greater .....	150
⇒BA-NEW	NOTE—Applies on devices regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Chemical Oxygen Generator, UN3356, as defined in 49 CFR §173.127, offered in compliance with 49 CFR §173.168 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BB-NEW	NOTE—Also applies on equipment containing chemical oxygen generators, such as <b>Passenger Service Units (PSUs) or Portable Breathing Equipment (PBE)</b> .	
⇒BC-NEW	 <b>Poisonous or Toxic Materials</b> , see Note, item BD-NEW, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I:	
Sub 2	Poisonous by inhalation .....	150
Sub 3	Other than poisonous by inhalation .....	125
Sub 4	In Packing Group II .....	85
Sub 5	In Packing Group III .....	70
⇒BD-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.1, Poisonous or Toxic Material, as defined in 49 CFR §173.132 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BE-NEW	 <b>Radioactive Materials</b> , see Notes, items BF-NEW and BG-NEW, in U.S. DOT-authorized containers, released to a value not exceeding \$25.00 per pound, see Note, item BH-NEW .....	250
⇒BF-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 7, Radioactive Material, as defined in 49 CFR §173.403 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BG-NEW	NOTE—Shipment may include accompanying tools for opening and closing container.	
⇒BH-NEW	NOTE—Unless otherwise provided in individual participating carriers' tariffs, materials moving under the provisions of item 164900 shall only be accepted subject to a maximum liability of \$25.00 per pound. If shipper fails to declare a value, or declares a value in excess of \$25.00 per pound, shipment will not be accepted, but if the shipment is inadvertently accepted, it will be considered as being released to a value not exceeding \$25.00 per pound and the shipment will move subject to such limitation of liability. In no instance will carriers' liability exceed the actual value of the material lost or damaged.	

## SUBJECT 10

**Proposed Classification Provisions—Concluded**

Item	Description	Class
<b>HAZARDOUS MATERIALS GROUP:</b> subject to item V-NEW.		
⇒BI-NEW	☞ <b>Self-reactive Materials</b> , see Note, item BJ-NEW, in U.S. DOT-authorized packaging:	
Sub 1	Requiring temperature control per U.S. DOT regulations .....	200
Sub 2	Not requiring temperature control per U.S. DOT regulations:	
Sub 3	Type B.....	175
Sub 4	Type C.....	110
Sub 5	Type D.....	100
Sub 6	Type E.....	92.5
Sub 7	Type F.....	85
⇒BJ-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4, Division 4.1, Self-reactive Material, as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BK-NEW	☞ <b>Infectious Substances; Biological Products; Cultures; Patient Specimens; Regulated Medical Waste (RMW), Clinical Waste or Biomedical Waste; Sharps; Toxins; or Used Health Care Products</b> ; see Note, item BL-NEW, in U.S. DOT-authorized packaging. ....	0
⇒BL-NEW	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.2, Infectious Substance (Etiologic Agent), as defined in 49 CFR §173.134 and required to bear a notice to that effect on bills of lading and packaging.	
⇒BM-NEW	☞ <b>Waste</b> , hazardous, see Note, item BN-NEW, in packages complying with applicable federal regulations .....	0
⇒BN-NEW	NOTE—Applies on all articles, materials or substances, other than radioactive, subject to the laws and regulations governing the transportation of hazardous waste for disposal, storage or reclamation, including articles which because of residues, contamination or the combining of materials are subject to such laws or regulations. All hazardous waste subject to this item must be tendered in compliance with applicable laws and regulations.	

**It is proposed to amend Item (Rule) 110, Definitions and Explanations of Terms, Punctuation and References, to read as follows:**

**ITEM 110****DEFINITIONS AND EXPLANATIONS OF TERMS, PUNCTUATION AND REFERENCES**

The following definitions will apply when such terms are used in this Classification or in tariffs governed by this Classification. When different definitions are provided for the same terms in connection with rates, classes, rules or other provisions, such definitions will take precedence.

**Secs. 1-24.** No Change.

⇒**Sec. 25.** Articles, materials or substances regulated by the U.S. Department of Transportation and required to bear a notice to that effect on bills of lading and packaging must be classified under items marked with the “☞” symbol.

**SUBJECT 10****Analysis and Conclusion**

This proposal seeks to address interpretive issues regarding the classification of hazardous materials, and items that might contain both regulated and non-regulated hazardous materials. This proposal would make a number of changes to the way hazardous commodities would be classified, and which item numbers would be applicable, as shown in the Proposed Provisions herein.

This proposal would add a new section to Item (Rule) 110, stating "Articles, materials or substances regulated by the U.S. Department of Transportation and required to bear a notice to that effect on bills of lading and packaging must be classified under items marked with the "☼" symbol." Concurrently, the definition of the "☼" symbol would be updated in the Explanation of Abbreviations and Reference Marks.

Additionally, a new generic heading, the Hazardous Materials Group, would be established; items applying only on hazardous materials would be canceled and reestablished subject to this group.

It is also proposed that the "☼" symbol be removed from multiple items that may not specifically describe hazardous materials, presently. For simplification and clarification, these items would therefore no longer apply on any shipments regulated as hazardous by the U.S. Department of Transportation. Any regulated shipment of hazardous materials would instead be classified under the appropriate NMFC item for the associated hazard class of the shipment.

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