

SUBJECT 2

Re: Fiberboard Intermediate Bulk Containers (IBCs) with Inner Plastic Film Bag or Liner for Nonhazardous Liquids

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Proponent: Classification Resource Committee

Present Classification Provisions

See Appendix A herein.

Proposed Classification Provisions

See Appendix B herein.

Analysis and Conclusion

This proposal was docketed by the Classification Resource Committee (CRC) based on a recommendation from the CRC's Packaging Subcommittee.

Carriers have reported claims due to failures of fiberboard intermediate bulk containers (IBCs) containing nonhazardous liquid or semi-liquid products, as shown in the photo on the right. The products are contained in plastic film bags or liners, which are then placed in a fiberboard container or covered in fiberboard and secured on lift truck skids or pallets. Item 280 contains general specifications and requirements in Sec. 3¹, and the NMFC contains 16 numbered packages that provide specific construction requirements for these types of IBCs.



This proposal would standardize the requirements for these types of IBCs by updating the specifications in Item 280, Sec. 3, and canceling the 16 numbered packages. Additionally, the references to the numbered packages would be removed from the articles section, which would be amended accordingly. Several Notes would be canceled as having no further application.

¹ Docket 2019-2, Subject 13 (June 2019)

RULES

ITEM 280

DEFINITION OF OR SPECIFICATIONS FOR INTERMEDIATE BULK CONTAINERS (IBCs)**General Definition and Specifications**

Sec. 1. Intermediate Bulk Containers (IBCs) are large flexible, semi-rigid or rigid portable packages that permit handling with mechanical equipment and may be constructed from a variety of materials including fabric, fiberboard, metal, plastic or wood, or a combination thereof, see Secs. 2 and 3 herein. The receptacle of an IBC has a volumetric capacity of not more than 3,000 liters (793 gallons or 106 cubic feet) and not less than 450 liters (119 gallons or 15.9 cubic feet) or a maximum net mass of not less than 400 kilograms (882 pounds). They must be designed with handles, straps, legs, an integral lift truck skid, pallet or platform base, or be secured on a lift truck skid, pallet or platform so as to provide for mechanical equipment to safely pick up the container, and must be constructed so as to sufficiently contain and protect the contents and withstand the normal rigors of the less-than-truckload environment. IBCs intended for stacking must have an integral stacking alignment or securing design feature. IBCs must be securely closed, and sufficient outage must be left within the IBC to ensure that the package will not leak or be permanently distorted as a result of liquid expansion due to change in temperatures likely to be encountered during transportation. IBCs designed for the transport of solid materials must be sift-proof and water-resistant. Bottom valves must be secured in the closed position, have a secondary means of sealing and must sufficiently protect against damage (e.g. shearing).

Flexible IBCs (FIBCs)

Sec. 2. Flexible IBCs (FIBCs) may be used for dry commodities only and must be constructed as follows and meet the performance requirements specified herein. FIBCs must be made from coated or uncoated polyethylene or polypropylene woven fabric so constructed as to contain and protect the contents and withstand the normal rigors of the less-than-truckload environment. Handles or straps must harness, encircle or be securely attached to the FIBC body to facilitate handling by mechanical equipment. FIBCs with spouts for discharging purposes, or with top or bottom filling or discharging openings, must be secured by means that will provide a sift-proof closure. FIBCs on lift truck skids, pallets or platforms must have the FIBC body placed within a fiberboard tray, with or without a separate fiberboard sleeve, and the depth of the tray or tray and sleeve, as the case may be, must extend at least 20 inches from the lift truck skid, pallet or platform deck. FIBC body, tray and, where present, sleeve must not overhang the deck, and the entire handling unit must be secured together with plastic film. FIBCs may be used again in transportation only when they are in such condition that they will protect contents as effectively as new containers.

Nonhazardous Liquids in Fiberboard IBCs with Inner Plastic Film Bag or Liner

Sec. 3. Nonhazardous liquids may be shipped in fiberboard IBCs having an inner plastic film bag or liner and secured on a lift truck skid, pallet or platform. Container must be six-sided and made of solid or of multiwall corrugated fiberboard sufficient to support the capacity of the inner plastic film bag or liner and its contents. Inner plastic film bag or liner must have sufficient outage to provide adequate containment during transport. Fiberboard container must not overhang the lift truck skid, pallet or platform deck and must be secured on the lift truck skid, pallet or platform by strapping in opposing directions, with at least two straps in each direction.

Use for Hazardous Materials

Sec. 4. IBCs used for the transportation of hazardous materials must be in conformance with the applicable requirements of Title 49 of the Code of Federal Regulations (CFR). ASTM D7387, Standard Test Method for Vibration Testing of Intermediate Bulk Containers (IBCs) Used for Shipping Liquid Hazardous Materials (Dangerous Goods), may be used to test the integrity of the IBC, providing the 49 CFR requirements have been met.

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ITEM	ARTICLE	CLASS
4625	Adhesives, NOI, Adhesive Cements, NOI, Adhesive Glues, NOI, or Adhesive Pastes, NOI , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 4626, in bags, boxes, drums, pails, intermediate bulk containers (IBCs), portable tanks or Packages 1398, 2213, 2399, 2440, 2445, 2452, 2458, 2463, 2467, 2478, 2496, 2499, 2500, 2515, 2516, 2521, 2526, 2528 or 2530, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 15.....	100
Sub 2	15 but less than 22.5.....	70
Sub 3	22.5 but less than 30.....	65
Sub 4	30 or greater.....	55
4626	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.	
30040	Brake, Shock Absorber or Hydraulic System Fluid , other than petroleum, in boxes, drums or Packages 689 or 2473	70
41960	Cement , container, liquid or paste, see Note, item 41962, in boxes, drums or Package 2452.....	60
41962	NOTE—Applies on cement for hermetically sealing glass or metal containers.	
42600	CHEMICALS GROUP: see Note, item 42603	
42603	NOTE—Commodities listed under this generic heading when tendered for shipment in Package 2452 are to be classified under the same provisions that apply when tendered to the carrier in boxes.	
43940	Chemicals, NOI , see Note, item 43941, in bags, boxes, drums, pails, intermediate bulk containers (IBCs) or Packages 2258, 2456 or 2499, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 10.....	125
Sub 2	10 but less than 15.....	85
Sub 3	15 but less than 30.....	70
Sub 4	30 or greater.....	55
43941	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.	
46030	Resins, coal tar or petroleum, or Resin Compounds , see Note, item 46032, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 46031, in bags, boxes, drums or Packages 2452, 2473, 2501 or 2510.....	55
46031	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.	
46032	NOTE—Applies only on coumarone-indene, petroleum polymer or petroleum hydrocarbon resins, or on resin compounds, not commercially suitable for molding or extruding purposes, in liquid, powder, flake, lump or solid mass form. Applies on such resins or resin compounds only when: (1) the resin or rosin does not exceed 50 percent by weight of contents; OR (2) the resin or rosin exceeds 50 percent by weight of contents provided that the actual value does not exceed 60 cents per pound and is so certified by the shipper on shipping orders and bills of lading at time of shipment. If the actual value exceeds 60 cents per pound or if no value is shown by the shipper at time of shipment, item 156200, naming 'Plastic Flakes, NOI, Granules, Lumps, Pellets, Powder or Solid Mass,' or item 156240, naming 'Liquid Plastic, NOI,' will apply, with the final determination of item dependent on the form of the resin or resin compound.	
48580	Cleaning, Scouring or Washing Compounds , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 48583 and 48585, viz.: Bluing, laundry; Cleaning, Scouring or Washing Compounds, NOI; Degreasers; Detergents; Soap , liquid or other than liquid, including Soap Powder, NOI; In bags, boxes, drums, pails, intermediate bulk containers (IBCs) or Packages 602, 1333, 2039, 2189, 2213, 2289, 2309, 2341, 2355, 2393, 2398, 2399, 2410, 2440, 2463, 2467, 2473, 2478, 2479, 2499, 2500, 2521, 2526, 2528 or 2530.....	70
48583	NOTE—Does not apply on hand soap in freestanding bottles or containers with integral pump. For applicable provisions, see item 59363.	
48585	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.	
50140	Compounds, defoaming , see Note, item 50142:	
Sub 1	Emulsified oil and not less than 50 percent by weight of water, in bulk in drums or Packages 2440, 2473 or 2521.....	55
Sub 2	NOI, in boxes, drums, pails or Packages 2440, 2473 or 2521.....	70
50142	NOTE—Applies only on compounds designed to prevent formation of foam in industrial processes.	
50227	Compounds , industrial process water treating, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 50228 and 50229:	
Sub 1	Liquid, in boxes, drums or Packages 2440, 2473, 2499 or 2521.....	60
Sub 2	Dry, in bags, boxes or drums.....	55
50228	NOTE—Applies only on compounds which are of a bactericidal, fungicidal, corrosion-inhibiting or particle-dispersing nature, such as used in treatment of water during manufacture of leather, paint or paper.	
50229	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.	

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ITEM	ARTICLE	CLASS
50232	☉Compounds , 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 or Package 2473	55
50234	☉Compounds , 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 or Package 2473, 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.	
50420	☉Compounds or Agents , proprietary electroplating additive, other than corrosive materials, see Note, item 50421, in bags, boxes, drums or Packages 2440 or 2521.....	55
50421	NOTE—Applies only on proprietary compounds or agents formulated to enhance the quality of finish in electroplating processes.	
50455	Compounds or Lubricants , metal cutting, drawing or drilling, dry, liquid or paste, NOI, see Note, item 50456, in boxes, drums, pails or Packages 2440, 2452, 2473, 2478 or 2521	70
50456	NOTE—Does not apply on compounds or lubricants containing in excess of 50 percent petroleum. See item 155250 for applicable provisions when petroleum content exceeds 50 percent.	
57100	Deodorants , NOI, other than contained in or in the form of decorations, novelties or ornaments, see Note, item 57101, or Disinfectants , NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 57102 and 57103:	
Sub 1	In carboys	100
Sub 2	In inner containers in boxes or Package 2341.....	85
Sub 3	In bulk in drums, pails or Packages 2213, 2452 or 2473	60
57101	NOTE—Does not apply on deodorants contained in or in the form of decorations, novelties or ornaments. For applicable classes, see item 56290.	
57102	NOTE—Does not apply on toilet preparations nor on deodorants or disinfectants that are medicinal.	
57103	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.	
57220	Dextrin or British Gum , liquid, in drums or Packages 2399, 2440, 2445, 2452 or 2521	55
DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS		
GROUP: subject to item 58500		
59420	Toilet Preparations or Personal Care Products , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 59421, viz.:	
	Cosmetics , NOI, including Eyeliners, Eye Shadow, Face Powder, Foundation, Lip Balm, Lip Gloss, Lipstick or Mascara;	
	Creams, Lotions, Moisturizers or Oils , body, face or hand, NOI, including Sunscreen or Suntan Lotions or Oils;	
	Hair Bleaching or Coloring Kits;	
	Hairspray or Hair Styling Products , including Hair Gel, Mousse, Oil or Wax;	
	Hand Sanitizers , NOI;	
	Makeup , including Masquerade or Stage Makeup;	
	Mouthwash;	
	Nail Polish or Nail Polish Remover;	
	Shampoo or Conditioner , hair;	
	Shaving Cream, Gel or Soap;	
	Toilet Preparations , NOI;	
	Toothpaste or Tooth Powder;	
	In boxes, drums, pails or Packages 2189, 2213, 2407, 2411, 2440, 2499, 2500 or 2521, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 10.....	125
Sub 2	10 but less than 15	85
Sub 3	15 or greater.....	70
59421	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.	
FEED GROUP: subject to item 66700		
67050	Feed or Feed Supplements , animal, fish or poultry, other than frozen and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 67051 and 67052, viz.:	
	Feed , prepared, NOI;	
	Feed Supplements;	
	Feeding Compounds or Preparations , condimental or medicinal;	
	Pet Food , prepared, NOI;	
	In bags, boxes, drums, pails or Packages 1000, 1271, 1500, 2257, 2330, 2421, 2440 or 2521, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 15.....	92.5
Sub 2	15 but less than 30	70
Sub 3	30 or greater.....	55
67051	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.	

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ITEM	ARTICLE	CLASS
67052	NOTE—Does not apply on edible pet treats in various forms or shapes. For applicable provisions, see item 27765.	
68140	☉ Fertilizing Compounds (Manufactured Fertilizers) , 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, drums or Packages 2399 or 2500	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.	
72000	FOODSTUFFS GROUP: Articles consist of Foodstuffs, Beverages or Beverage Preparations, not named in other more specific groups, see Notes, items 72002, 72004, 72005, 72007 and 72008, as described in items subject to this grouping.	
72002	NOTE—Unless otherwise specified in individual items, provisions apply only on foodstuffs, beverages or beverage preparations, other than frozen.	
72004	NOTE—Commodities other than frozen or requiring refrigeration, listed under this generic heading, when packed in rectangular inner fiberboard containers will be subject to the 'in boxes' classes when enclosed in paper wrappers or in plastic film overwrap bundles. Package must consist of only one layer or tier of inner containers and gross weight must not exceed 14 pounds. This packaging is permissible only on those commodities that are not contained in glass or earthenware or otherwise fragile containers. Wrappers must consist of paper or paperboard basis weight not less than 126 pounds per 500 sheets 24 × 36 inches or plastic film totaling not less than 2 mils in thickness, and must totally enclose inner containers. Ends and overlap seams must be firmly glued or when plastic film is utilized, seams and ends must be heat sealed.	
72005	NOTE—Unless specified in individual items, classes will not apply on commodities prepared by a freezing-dehydration method nor on products containing in excess of 10 percent of the net weight of ingredients prepared by the freezing-dehydration process. Products prepared by the freezing-dehydration process, or containing in excess of 10 percent of ingredients prepared by the freezing-dehydration process, will be classed per item 76850.	
72007	NOTE—Commodities listed under this generic heading, when tendered for shipment in Packages 2257, 2330, 2375, 2399, 2440, 2443, 2445, 2452, 2456, 2511, 2516, 2519, 2521, 2526, 2528 or 2530, are to be classified under the same provisions that apply when tendered to the carrier in boxes.	
72008	NOTE—Commodities listed under this generic heading, when tendered for shipment in Package 1500, are to be classified under the same provisions that apply when tendered to the carrier in boxes. When unitized on and secured to pallets by stretch or shrink film, commodities will be accepted for shipment in Package 1500 modified so that the film enclosure of the completed package may have end openings. End openings must not exceed one-half the exposed height of the inner containers.	
72041	Baking Powder , in bags, boxes, drums or Packages 2463, 2498, 2499 or 2500	65
72510	Cocktail Mixes or Mixers , liquid, nonalcoholic, other than beverages, see Note, item 72511, in boxes, drums or Packages 2463, 2498, 2499 or 2500	65
72511	NOTE—Applies only on liquid nonalcoholic mixtures, other than beverages, used in the preparation of alcoholic mixed drinks, and are so represented for sales purposes.	
72810	Dressing or Stuffing , bread base, with or without other ingredients, dry; or Bread Crumbs; Bread Cubes or Croutons; or Cracker or Matzo Meal ; in bags, boxes or Packages 1000, 1500 or 2445, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 10	150
Sub 2	10 or greater	70
72910	Extracts , NOI; Flavoring Compounds , NOI; Imitation Flavors , NOI; or Bottlers' Flavoring Compounds , NOI, see Note, item 72917; liquid, paste or dry, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 72911, 72914 and 72916; in boxes or drums; or dry, in bags or Packages 1000, 2358 or 2440	70
72911	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.	
72914	NOTE—Inner containers may include plastic or metal molds, or paper, plastic or wooden sticks not in excess of 5 percent of gross weight of package.	
72916	NOTE—There may be included in each package a quantity of sodium salts not in excess of 5 percent of the gross weight of the package.	
72917	NOTE—There may be included in each shipment of Bottlers' Flavoring Compounds a quantity of phosphoric acid solution, alcohol solution, or a combination of both, not in excess of 15 percent of the total shipment weight.	
73250	Foodstuffs , other than frozen, Group III, viz.: Fish Balls; Juice , clam or oyster; Milk, Cream, Buttermilk or Dry Milk Solids , powdered or flaked, with or without vegetable fats not exceeding one percent by weight, also in multiple-wall paper bags; In boxes, crates, drums or Packages 2463, 2498, 2499 or 2500	60

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ITEM	ARTICLE	CLASS
73260	FOODSTUFFS GROUP: subject to item 72000 Foodstuffs , other than frozen, Group IV, viz.: Bakery Goods , NOI, also in Package 2428; Beverage Preparations , NOI, see Note, item 73263, also in Packages 2330 or 2438; Coffee, Tea or Herbal Tea , NOI, see Note, item 73261, also in Packages 2330 or 2380; Cookies or Crackers , NOI, also in Package 2428; Desserts, Dessert Toppings or Related Foods , NOI, see Note, item 73262; Foodstuffs , NOI; Hot Chocolate or Hot Cocoa Mixes; Juice , fruit or vegetable, including Juice Concentrates, Juice Beverages, Juice Drinks or Juice Powders or Crystals , see Note, item 73263, also in Packages 2438 or 2467; Pasta or Noodles , with or without other ingredients; Rice , cleaned or prepared, NOI, with or without other ingredients; Snack Foods , NOI; Soups or Soup Mixes; In bags, boxes, drums or Packages 128, 223, 510, 1000, 1400, 1500, 2093, 2231, 2404, 2414, 2416, 2421, 2425, 2463, 2498, 2499, 2500 or 2507, subject to Item 170 and having a density in pounds per cubic foot of: Sub 1 Less than 1 Sub 2 1 but less than 2 Sub 3 2 but less than 4 Sub 4 4 but less than 6 Sub 5 6 but less than 8 Sub 6 8 but less than 10 Sub 7 10 but less than 12 Sub 8 12 but less than 15 Sub 9 15 but less than 22.5 Sub 10 22.5 but less than 30 Sub 11 30 or greater	400 300 250 175 125 100 92.5 85 70 65 60
73261	NOTE—Also applies on: instant, soluble, freeze-dehydrated or freeze-dried coffee, tea or herbal tea; coffee, tea or herbal tea in premeasured servings, with or without integral filter; or Coffee Service Kits or Sets , consisting of coffee in premeasured servings, with or without integral filter, and with or without non-dairy creamer, sugar or artificial sweetener, stirrers, tea, herbal tea or hot chocolate in same box.	
73262	NOTE—Provisions for desserts, dessert toppings or related foods include, but are not limited to: Crusts , pie or tart; Dessert Mixes or Preparations , NOI; Dishes, Bowls, Ice Cream Cones or Shells , edible, NOI; Dough , prepared; Gelatine Dessert; Sauces or Toppings , ice cream or dessert, NOI, in other than pressurized containers, including Marshmallow Creme, Nuts (Nutmeats) in Syrup, or Sprinkles.	
73263 73365	NOTE—Also applies on freeze-dehydrated or freeze-dried beverage preparations or juice powders or crystals. Fruits or Vegetables , canned or preserved, NOI, other than dehydrated, dried or evaporated, see Note, item 73366, in boxes, drums or Packages 1000, 1264, 2288, 2303, 2438, 2463, 2467, 2498, 2499, 2500 or 2507	60
73366	NOTE—Also applies on: Beans , edible, with or without other ingredients, NOI; Fruit Butter or Pulp; Jams, Jellies, Marmalades or Preserves , NOI; Mushrooms , other than truffles; Olives; Pickles , NOI; Pimientos; Tomatoes , including Tomato Paste, Tomato Pulp or Tomato Puree.	
73450	Honey , NOI, in boxes, drums or Packages 2463, 2478, 2498, 2499 or 2500	60
73990	Milk , condensed or evaporated, liquid, with or without vegetable fats, in boxes, drums or Packages 1000, 2463, 2498, 2499 or 2500	55
74035	Milk or Cream Products , shelf-stable, viz.: Milk or Cream , liquid, including Milk Beverages or Milk Drinks; Milk or Cream Substitutes , including Nondairy Creamers or Plant-Based Milk or Cream Products , NOI; In boxes, drums or Packages 2463, 2498, 2499 or 2500	65
74095	Molasses or Syrups , not medicated, viz.: Agave Syrup (Agave Nectar); Beverage or Fountain Syrup; Flavoring Syrup; Maple Syrup; Molasses , NOI; Syrup , corn, rye, sorghum or wheat, NOI; Syrup , malt or malted; Syrup , NOI; In boxes, drums or Packages 1000, 2035, 2288, 2402, 2463, 2467, 2498, 2499 or 2500	65
74190	Oils , cooking or salad, NOI; Cooking Spray , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 74191; or Vegetable Oil Shortening; in boxes, drums or Packages 275, 1000, 2257, 2288, 2330, 2393, 2401, 2415 or 2499	65

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ITEM	ARTICLE	CLASS
74191	FOODSTUFFS GROUP: subject to item 72000 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.	
74510	Purees, fruit or vegetable, including Applesauce:	70
Sub 1	In pouches, in boxes	
Sub 2	NOI, in boxes, drums or Packages 1000, 1264, 2288, 2463, 2498, 2499 or 2500	60
74700	Sauces, Condiments, Dips or Spreads, other than dry, viz.: Barbecue Sauce; Condiments, NOI; Dips, NOI; Gravy; Horseradish, prepared; Hot Sauce or Pepper Sauce; Ketchup (Catsup); Marinades; Mayonnaise; Mustard, prepared; Salad Dressing, including Vinaigrette; Salsa; Sandwich Spreads, NOI, including Cheese Spreads; Sauces, basic food, NOI, including Marinara, Pizza or Spaghetti Sauce; Sauces, cooking or dipping, NOI; Soy Sauce;	
75400	In boxes, drums or Packages 1204, 1400, 1429, 2093, 2288, 2303, 2438, 2463, 2467, 2498, 2499 or 2500 Vinegar, liquid, in boxes, drums or Packages 2463, 2498, 2499 or 2500	65 60
77140	FRUITS OR VEGETABLES, DRIED, GROUP: subject to item 77000 Fruit or Fruit Peel, NOI, not candied, crystallized, glazed nor stuffed: In inner containers in boxes or Package 1264, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 15	100
Sub 2	15 or greater	70
Sub 3	In bulk in bags, boxes, drums or Package 2445	65
Sub 4		
111400	LIQUORS, BEVERAGE: see Note, item 111402	
111402	NOTE—Commodities listed under this generic heading when tendered for shipment in Package 2452 are to be classified under the same provisions that apply when tendered to the carrier in boxes.	
144600	OILS, OTHER THAN PETROLEUM: see Note, item 144603	
144603	NOTE—Commodities listed under this generic heading when tendered for shipment in Packages 2440, 2452, 2516, 2521, 2526, 2528 or 2530 are to be classified under the same provisions that apply when tendered to the carrier in boxes.	
144900	Essential, natural or artificial, NOI, value declared in writing by the shipper or agreed upon in writing as the released value of the property in accordance with the following, see Note, item 144902, in boxes, drums or Package 2399:	
Sub 1	If not exceeding 50 cents per pound	70
Sub 2	If exceeding 50 cents, but not exceeding \$1.00 per pound	100
Sub 3	If exceeding \$1.00, but not exceeding \$2.50 per pound	200
Sub 4	If exceeding \$2.50, but not exceeding \$5.00 per pound	300
Sub 5	If exceeding \$5.00, but not exceeding \$7.50 per pound	400
Sub 6	If exceeding \$7.50 per pound or if in glass carboys.....	Not Taken
144902	NOTE—The released value which shall be deemed to relate to each pound separately and not to the shipment as a whole, must be entered on shipping order and bill of lading as follows: “The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per pound.” <div style="text-align: center;"> _____ (Shipper’s Signature) </div> (Classes herein based on released value have been authorized by the Interstate Commerce Commission by Released Rates Order No. MC-342 of August 13, 1952.)	

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ITEM	ARTICLE	CLASS
149500	PAINTS GROUP: Articles consist of Paints, Paint Material or Putty, as described in items subject to this grouping, see Note, item 149502.	
149502	NOTE—Commodities listed under this generic heading when tendered for shipment in Package 2452 are to be classified under the same provisions that apply when tendered to the carrier in boxes.	
149980	Paint and Related Materials , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 149982, viz.: Additives , paint preserving; Color , mortar; Compounds , paint, lacquer, varnish, gum, resin, plastic or adhesive increasing, reducing, removing, thickening or thinning; Driers , paint or varnish; Fillers , wood; Lacquer ; Liquids , bronzing; Paint Oils ; Paints, Stains or Varnishes , NOI; Pigments , NOI; Plasticizers , paint, lacquer, varnish, gum, resin or plastic; Shellacs ; Solvent , paint, lacquer, varnish, gum, resin, plastic, rubber or adhesive; In bags, boxes, drums, pails, intermediate bulk containers (IBCs), portable tanks or Packages 33, 1398, 2138, 2257, 2301, 2335, 2374, 2403, 2404, 2440, 2445, 2463, 2467, 2473, 2499, 2516 or 2521, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 20.....	85
Sub 2	20 or greater.....	55
149982	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.	
154700	PASTE GROUP: see Note, item 154702	
154702	NOTE—Commodities listed under this generic heading when tendered for shipment in Package 2452 are to be classified under the same provisions that apply when tendered to the carrier in boxes.	
155000	PESTICIDES GROUP: Articles consist of any substance or mixture of substances intended to prevent, destroy, repel or mitigate any pest, including defoliants, herbicides, fungicides or insecticides, as described in items subject to this grouping, see Notes, items 155001 and 155002.	
155001	NOTE—Materials regulated by the U.S. Department of Transportation as a corrosive, flammable gas, poison or poison gas and required to bear a notice to that effect on bills of lading and packaging are not subject to the provisions of this grouping.	
155002	NOTE—Commodities listed under this generic heading when tendered for shipment in Package 2452 are to be classified under the same provisions that apply when tendered to the carrier in boxes.	
155250	PETROLEUM PRODUCTS GROUP: subject to item 155100	
155250	Petroleum Oils, Greases and Related Products , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 155252, viz.: Adhesive or Coating , air filtering element dust arresting; Alcohols , inedible fatty, NOI; Fatty Acid , petroleum; Naphthenic Acid ; Oil , NOI, see Notes, items 155126 and 155255; Paraffin Wax ; Petrolatum, Petroleum Jelly or Petroleum Petrolatum Preparations , see Note, item 155126; Petroleum Distillates or Petroleum Products , NOI; Petroleum Wax ; Transformer Oil ; In bags, boxes, drums or Packages 589, 602, 926, 1000, 1500, 2096, 2342, 2440, 2445, 2452, 2454, 2473, 2500, 2516, 2526, 2528 or 2530.....	65
155252	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.	
155255	NOTE—When palletized, lubricating oil may be shipped in Package 1500 modified so that the film enclosure of the completed package may have end openings. End openings must not exceed 1/2 the exposed height of the inner containers.	
156200	PLASTIC MATERIALS, OTHER THAN EXPANDED, GROUP: subject to item 156100	
156200	Flakes , NOI, Granules, Lumps, Pellets, Powder or Solid Mass , other than as described in items 46030 and 46032, in bags, boxes, drums, pails or Packages 1324, 2203, 2211, 2231, 2264, 2301, 2306, 2317, 2331, 2350, 2500 or 2501.....	60
156240	Liquid , NOI, other than as described in items 46030 and 46032 and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 156241, in boxes, drums or Packages 2440, 2445, 2516 or 2521.....	60
156241	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.	
171720	RUBBER MATERIALS GROUP: subject to item 171600	
171720	Latex , liquid, in drums, in inner containers in boxes or in Package 2445.....	60
176325	Silica , colloidal, liquid, in drums, in containers in boxes or in Packages 2440 or 2521.....	55

SPECIFICATIONS FOR NUMBERED PACKAGES

Package 2399

SHIPPING CONTAINER: A double cover box (DC), of tube and cap style, octagonal in shape, having a liner and inner film bag.

Outer Tube—Doublewall corrugated fiberboard testing not less than 400 pounds having eight sides.

Inner Liner—Two plies of doublewall corrugated fiberboard, each ply testing not less than 400 pounds, laminated together.

Inner Bag—Two-ply polyethylene-film bag, each ply not less than 5 mils in thickness.

Caps—Common top and bottom of doublewall corrugated fiberboard testing not less than 350 pounds. Flanges of top and bottom caps must fit between tube and laminated inner liner. Octagonal-shaped top pad of 350 pound test fiberboard must be placed on top cap prior to vertical banding.

Banding—Girth banding must be manufactured into the outer tube and inner liner as these parts are being corrugated. The banding must be of 1/2-inch sesame tape (nylon material having a 225-pound tensile strength) applied in eight locations of the outer tube and in five locations of the inner liner. The sesame tape must be applied between the outermost paperboard liner and the first layer of corrugated medium of the outer tube and the inner liner.

Container must be secured to base by banding vertically in two (2) opposite directions with 0.029 x 0.50-inch steel strapping.

Base—A double-faced 2-way entry hardwood pallet.

GROSS WEIGHT: Not to exceed 4,000 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 x 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1 1/2 inches in height with 'CONTENTS' printed below in letters of 1/2 inch in height.

Package 2440

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: A double cover box (DC), of tube and cap style, octagon in shape, having a liner and inner film bladder (see Notes 1 and 2).

Tube—Constructed of two plies of 400 pound test doublewall corrugated fiberboard, laminated together, or one ply of ECT 112 triplewall corrugated fiberboard, having eight sides. Triplewall construction may be used only for container with a volume capacity of 275 gallons or less. Each ply of doublewall must have a combined weight of facings of 180 pounds per thousand square feet. Facings must be firmly glued to corrugated mediums with a moisture-resistant adhesive which cannot be dissolved in water after the glue application has set.

Inner Liner—Two plies of 400 pound test doublewall corrugated fiberboard or ECT 112 triplewall corrugated fiberboard common to outer tube.

Inner Bag—Polyethylene film bag constructed of 3 plies, each not less than 3.2 mils in thickness.

Caps—Common top and bottom of corrugated fiberboard testing not less than 350 pounds, facings firmly glued to the corrugated medium with a moisture-resistant adhesive which cannot be dissolved in water after the glue application has set, or of 3-ply Kraft solid fiber 0.075 caliper, 275 pounds per 1,000 square feet, burst testing 500 pounds.

Bottom Insert—Die-cut pad of 3-ply Kraft solid fiber, 0.075 caliper, 275 pounds per 1,000 square feet, burst testing 500 pounds.

Banding—Container must be banded with 5/8 inch steel strapping, twice vertically and once girthwise at mid-height. Bottom cap must be steel banded girthwise.

Base—2- or 4-way entry wooden pallet constructed having 5/8 inch solid plywood top deck or 1 inch top boards with not more than 1.5 inch spacing of adequate size and construction to support shipping container with no overhang. Container must be vertically banded to pallet.

GROSS WEIGHT: Not to exceed 4,000 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 x 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1 1/2 inches in height with 'CONTENTS' printed below in letters of 1/2 inch in height.

Package 2445

SHIPPING CONTAINER: Tube and cap style container having an inner liner and plastic film bag, outfitted with an integral slip sheet.

Tube—Doublewall corrugated fiberboard testing in accordance with table under gross weight. Facings must be firmly glued to corrugated medium with a moisture resistant adhesive which cannot be dissolved in water after the glue application has set. Four bottom flaps of tube must be folded in and glued to each other with waterproof glue to effect a smooth inner bottom.

Inner Liner—Doublewall or triplewall corrugated fiberboard testing in accordance with table under gross weight. Facings must be firmly glued to corrugated medium with a moisture resistant adhesive which cannot be dissolved in water after the glue application has set. Inner liner must be designed so as to exceed the height of the tube.

Inner Bag—Polyethylene bag constructed of 2 plies, each not less than 4 mils in thickness.

Cap—Top cap constructed of doublewall corrugated fiberboard testing not less than 500 pounds.

Base—Shipments must be palletized.

Closure—To be accomplished with plastic tamper evident clips.

GROSS WEIGHT:

Minimum Test of Fiberboard

Maximum Gross Weight	Tube	Inner Liner
800 lbs.	500 Doublewall	600 Doublewall
2,000 lbs.	500 Doublewall	1350 Triplewall
4,000 lbs.	600 Doublewall	2 / 1350 Triplewall (laminated)

Note—When contents are of a liquid nature, container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 x 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1 1/2 inches in height with 'CONTENTS' printed below in letters of 1/2 inch in height.

SPECIFICATIONS FOR NUMBERED PACKAGES

Package 2452

SHIPPING CONTAINER: Liquid bulk-bin style regular slotted container (RSC) having a form-fit molded plastic liner, unit secured to a pallet.

Body—Regular slotted container (RSC) of multiple plies of doublewall corrugated fiberboard having all flaps fully glued. Fiberboard must have a combined bursting test of 900 pounds, combined facing weight of not less than 574 pounds per 1,000 square feet and a minimum thickness of 0.625 inches. Unit must be secured to the pallet base.

Liner—Body must be outfitted with an inner liner of high density polyethylene, blow molded to fit inside dimensions, having a minimum thickness of 50 mils.

Base—Double-face wooden pallet of sound construction.

GROSS WEIGHT: Not to exceed 4,000 pounds.

Note—This container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 × 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

Package 2458

SHIPPING CONTAINER: A special slotted octagonal container of half-slotted style, having a separate liner and pad, with top cover.

Container—A triplewall corrugated fiberboard half-slotted container testing not less than 1,100 pounds with bottom flaps.

Inner Liner—A full-height triplewall corrugated fiberboard top flanged tube testing not less than 1,100 pounds, common to outer container.

Bottom Pad—A die-cut full dimension pad of 275 pound test corrugated fiberboard.

Inner Bag—PVC film bag, total thickness of 20 mils.

Cap (Cover)—Die-cut cover must be of corrugated fiberboard testing not less than 275 pounds.

Banding—

(1) Container must be banded with ¾ inch steel strapping, securing cap to container and container to pallet base.

(2) Container must be banded with two ¾ inch steel straps around its girth within the bottom third to half of its height.

Base—A two-way entry wooden pallet.

Gross Weight—Not to exceed 2,700 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 × 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

Package 2473

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: Octagonal bulk shipping container with top cap and laminated inner liner secured to a pallet (see Notes 1 and 2).

Body—Doublewall corrugated fiberboard testing 450 pounds with top and bottom flanges of not less than four inches. Body must be strapped girthwise horizontally with not less than five steel straps.

Inner Liner—Two thicknesses of triplewall corrugated fiberboard laminated not less than 80% of area of contact to form a full height inner liner.

Inner Bag—PVC film bag or multiwall polyethylene bag, total thickness not less than 9 mils.

Cap—Design style corrugated fiberboard testing 275 pounds having a flange of not less than four inches.

Base—Wood pallet of sound construction of greater dimensions than container.

GROSS WEIGHT: Not to exceed 3,000 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 × 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

Package 2478

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: A filament-reinforced corrugated fiberboard liquid bulk-style container, octagonal in shape, having a one-piece body, top cap, bottom inner pad and a plastic film bag with optional bottom valve discharge, palletized (see Notes 1 and 2).

Body—Die-cut, one-piece triplewall corrugated fiberboard testing not less than 1,100 pounds, reinforced upward not less than ¾ the height of the body with an exterior girth wrap of high tensile strength filament substrate.

Top Cap—Die-cut, one-piece doublewall corrugated fiberboard testing not less than 350 pounds.

Bottom Inner Pad—Die-cut, one-piece doublewall corrugated fiberboard testing not less than 350 pounds, full dimension of octagonal shape; **OR** die-cut triplewall integrated bottom with body sidewalls.

Film Bag—Polyethylene film, of not less than two plies, having a total mil thickness of not less than 8 mils or one 20-mil PVC bag, with an optional bottom discharge.

Banding—Container must be banded to pallet vertically in four places, two bands lengthwise and two bands widthwise. Container must be banded to the pallet using ¾-inch × 0.022 gauge steel strapping or equivalent.

Base—Two-way-entry wooden pallet of sound construction. Container must be vertically banded to pallet.

GROSS WEIGHT: Not to exceed 4,500 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

(Continued on following page)

SPECIFICATIONS FOR NUMBERED PACKAGES

Package 2478 (Continued)

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by printing in color differing from any other container printing. Label must be of horizontal rectangular 4 × 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

Package 2496

SHIPPING CONTAINER: Liquid bulk-bin style container consisting of a doublewall corrugated inner sleeve and a doublewall outer carton with flaps, having a form-fit molded polyethylene liner. The entire unit is secured to a wood pallet.

Body—Body consists of a 600 pound test doublewall corrugated inner sleeve; a 600 pound test doublewall outer carton with flaps; and four triangular, wood corner posts.

Liner—Body is outfitted with an inner blow-molded liner of high density polyethylene to fit inside dimensions, and has nominal wall thickness of 0.05-inch average, an 8-inch top fill opening with screw cap, and a 2-inch diameter discharge fitting welded to side at bottom. Both cap and valve are recessed. The liner rests on a pad constructed of expanded polystyrene.

Base—Double-face wood pallet of sound construction.

GROSS WEIGHT: Not to exceed 4,000 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 × 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

Package 2499

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: A wound, multiple-ply corrugated fiberboard container of tube and cap style, square in shape, having an inner film bladder (see Notes 1 and 2).

Sleeve—A convolute winding adhering 8 plies of corrugated fiberboard forming a square vertical sleeve, each ply constructed of 69 pound linerboard and a 33 pound medium. Sleeve must have integral cross-bracing of two opposite corners at top of sleeve, with bottom outfitted with a full-dimension tray when set up.

Inner Bag—Polyethylene film bag constructed of three plies having a total thickness of 9 mils or one ply of polyvinyl chloride (PVC) having a thickness of 12 mils.

Top Cap—Design style of corrugated fiberboard testing 275 pounds.

Banding—Container must be banded with steel or plastic strapping, twice vertically in each cross direction. In lieu of banding, container may be secured to pallet by roping plastic stretch film in a cross-corner locking pattern.

Base—Container must be secured to a 2-way entry wooden pallet.

GROSS WEIGHT: Not to exceed 3,400 pounds.

Note 1—The shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 × 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1.5 inches in height, with 'CONTENTS' printed below in letters of ½ inch in height.

Package 2500

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: A single-cover box with special die-cut bottom attached with die-cut cap, octagonal in shape, having a corrugated fiberboard tube and inner sleeve laminated to form the body, and an inner film bladder. (See Notes 1 and 2.)

Outer Tube—Constructed of two eight-sided fiberboard forms, as follows: an inner 500 pound test doublewall corrugated fiberboard tube laminated to an outer 350 pound test singlewall fiberboard tube. Facings must be firmly glued to corrugated medium.

Inner Tube—Eight-sided tube constructed of 600 pound test doublewall corrugated fiberboard with five integral strips of reinforcing tape strategically positioned between outer facing and corrugated medium. Outer tube must be laminated to inner tube. Manufacturer's joint must be a minimum of four inches in width, firmly glued entire depth of container.

Inner Liner—Eight-sided tube constructed of 600 pound test doublewall corrugated fiberboard with five integral strips of reinforcing tape strategically positioned between outer facing and corrugated medium. Manufacturer's joint must be a minimum of four inches in width and must be firmly glued the entire depth of the tube.

Inner Bag—Form-fitting, single-ply polyvinylchloride bag not less than 20 mils in thickness or minimum 3-ply polyethylene film bag with each ply not less than 4 mils in thickness for liquid product. Minimum one-ply not less than 4 mils in thickness may be used for dry product. Bag mounted on die-cut cartridge pad constructed of 350 pound test doublewall corrugated fiberboard having eight sides with one of the eight designed to firmly hold bag-dispensing flange in place. Facings must be firmly glued to corrugated medium.

Bottom Cap—Die-cut corrugated fiberboard testing not less than 350 pounds, forming eight connected panels having a flange height of six inches. Panels must be securely glued to surface of the outer tube.

Top Cap—Die-cut corrugated fiberboard testing not less than 350 pounds, having a flange depth of six inches.

Top Protector—A 4-piece wooden frame must be placed on top of container banded in place with 5/8-inch steel strapping, twice vertically in one direction and twice vertically in the crosswise direction, the banding securing the unit to the base.

Base—Two-way-entry wooden pallet having a top deck of adequate size and construction to support shipping container with no overhang.

GROSS WEIGHT: Not to exceed 4,200 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

(Continued on following page)

SPECIFICATIONS FOR NUMBERED PACKAGES

Package 2500 (Continued)

Note 2—Containers with liquid contents must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 × 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

Package 2510

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: A modified half-slotted container (HSC) having an outer top cap, an inner fiberboard liner and an inner film bladder (see Notes 1 and 2).

Tube—Constructed of 3 plies of 425 pound test doublewall corrugated fiberboard, laminated together, forming a sidewall thickness of 1⅛ inches.

Inner Liner—A double-cover (DC) style container of octagonal shape having a triplewall corrugated fiberboard sidewall tube testing 1,100 pounds.

Common top and bottom caps must be constructed of corrugated fiberboard testing 275 pounds.

Top Pad—Full-dimension triplewall corrugated fiberboard pad testing 1,100 pounds must be placed over inner container top cap.

Top Outer Cap—Corrugated fiberboard testing 350 pounds having a flange depth of not less than eight inches.

Inner Bag—Polyethylene film bag constructed of 2 plies, each not less than 5 mils in thickness.

Banding—Container must be banded with steel strapping, twice vertically in cross directions.

Base—Four-way-entry wooden pallet constructed having top deck of adequate size and construction to support shipping container with no overhang. Container must be vertically banded to pallet.

GROSS WEIGHT: Not to exceed 4,000 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 × 7-inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

Package 2515

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: Octagonal bulk shipping container with top cap and laminated inner liner secured to a pallet (see Notes 1 and 2).

Body—Two thicknesses of triplewall corrugated fiberboard testing 1,300 pounds laminated not less than 80 percent of area of contact. Body must be strapped girthwise horizontally with not less than five steel straps.

Inner Bag—Multiwall polyethylene bag, total thickness not less than 12 mils.

Cap—Design-style corrugated fiberboard testing 275 pounds having a flange depth of not less than four inches.

Base—Wooden pallet of sound construction having greater dimensions than container. Container must be positioned on pallet by top-face corner cleats and secured to pallet by four steel bands, vertically banded 2 × 2.

GROSS WEIGHT: Not to exceed 3,000 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 × 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

Package 2521

SHIPPING CONTAINER: A special slotted 55-gallon octagonal liquid container of half-slotted style, having an outer body, liner, bottom insert, film liner and top cap.

Body—An octagonal outer body of doublewall corrugated fiberboard modified half-slotted container testing 350 pounds having bottom center tuck flaps.

Liner—Form-fitting, full-height inner tube of doublewall corrugated fiberboard testing 400 pounds.

Bottom Insert—A die-cut scored and folded solid fiber insert of 276 pound test having flanges extending upward within container.

Inner Bag—ULDPE-film bag constructed of two plies of 4-mil film totalling 8 mils or an equivalent aseptic bag having a metallic/film lamination.

Top Cap—Solid fiber of 276 test, common to bottom insert, recessed and outfitted with a top fitting for filling and emptying. Containers having an aseptic inner bag must have an additional top cap constructed of corrugated fiberboard testing 275 pounds.

Capacity—Not to exceed 55 gallons.

Markings—Container must be placarded with precautionary warning labels on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 × 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

SPECIFICATIONS FOR NUMBERED PACKAGES

Package 2526

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: A woven polypropylene nonreusable liquid bulk style container, square or octagonal in shape, having four internally concealed integrated reinforcement wood panels in a one-piece body, with a top cap and top or bottom discharge, palletized.

Body—One-piece 6.5 ounce woven polypropylene up to 330 gallons in size having pockets to accept wooden panels as sidewalls. Wood, oriented strand board (OSB), must be not less than $\frac{1}{4}$ inch in thickness having two full-height 2 x 4 wooden vertical support members.

Top Cap—One-piece construction either of corrugated fiberboard of 275 pound test, having an inner 350 pound test doublewall inner pad, or oriented strand board (OSB) of not less than $\frac{1}{4}$ inch in thickness.

Inner Bag—Polyethylene film of not less than 2 plies, having a total mil thickness of not less than 10 mils, or one 20-mil PVC bag with an optional bottom discharge.

Banding—Container must be banded to pallet vertically in four places, two bands lengthwise and two bands widthwise. Container must be banded to the pallet using $\frac{3}{4}$ inch x 0.022 gauge steel strapping or equivalent.

Pallet—Two-way or four-way entry wooden pallet of sound construction. Container must be vertically banded to pallet.

GROSS WEIGHT: Not to exceed 4,000 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 x 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of $1\frac{1}{2}$ inches in height with 'CONTENTS' printed below in letters of $\frac{1}{2}$ inch in height.

Package 2528

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: A woven polypropylene nonreusable liquid bulk style container of 300 gallons maximum capacity, square or octagonal in shape, having 8 internally concealed wood uprights in a one-piece body with top and bottom discharge, palletized.

Body—One-piece 6.5-ounce woven polypropylene having 8 internal pockets to accept 2 x 4 upright stiffeners having an integrated woven polypropylene cap.

Inner Bag—Polyethylene film of not less than 2 plies, having a total mil thickness of not less than 8 mil or one 20 mil PVC bag with an optional bottom discharge.

Pallet—Two-way or four-way entry wooden pallet of sound construction.

GROSS WEIGHT: Not to exceed 4,000 pounds.

Note 1—This shipping container is not to be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 x 7 inch dimensions containing a bold border within which is printed the word 'LIQUID' in bold letters of $1\frac{1}{2}$ inches in height.

Package 2530

Applicable only for nonhazardous commodities as described in items referencing this Package.

SHIPPING CONTAINER: A woven polypropylene reusable liquid bulk-style container, square or rectangular in shape, having a one-piece body with a top or bottom discharge and a composite plastic pallet with four-way entry.

Body—One-piece 6.5-ounce woven polypropylene bag, capacity not to exceed 330 gallons, having four corner pockets to accept vertical galvanized steel or composite poles.

Side Panels—Eight vertical galvanized steel or composite poles spaced equally on all four sides of the package and held in place by internally molded sockets.

Inner Bag—Two-ply polyethylene film bag having a total thickness of not less than 8 mils **OR** one-ply PVC bag having a total thickness of 20 mils, either with an optional bottom discharge.

Pallet—Composite plastic four-way entry pallet with a full top deck and internal sockets to receive the base of the eight side and four corner vertical poles.

Banding—Container must be banded to pallet vertically in four places, two bands lengthwise and two bands widthwise. Container must be banded to the pallet using $\frac{1}{2}$ inch poly straps or equivalent.

Top—Composite plastic top with twelve internal sockets to receive the top of the twelve vertical poles with integrated polypropylene lid.

GROSS WEIGHT: Not to exceed 4,000 pounds.

Note 1—This shipping container can be reused once contents have been removed.

Note 2—Container must be placarded with a precautionary warning label on two outside opposite vertical panels in a prominent manner either by printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 x 7 inch dimensions containing a bold border within which is printed the word 'LIQUID' in bold letters of $1\frac{1}{2}$ inches in height.

RULES

ITEM 280

DEFINITION OF OR SPECIFICATIONS FOR INTERMEDIATE BULK CONTAINERS (IBCs)

General Definition and Specifications

Sec. 1. Intermediate Bulk Containers (IBCs) are large flexible, semi-rigid or rigid portable packages that permit handling with mechanical equipment and may be constructed from a variety of materials including fabric, fiberboard, metal, plastic or wood, or a combination thereof, see Secs. 2 and 3 herein. The receptacle of an IBC has a volumetric capacity of not more than 3,000 liters (793 gallons or 106 cubic feet) and not less than 450 liters (119 gallons or 15.9 cubic feet) or a maximum net mass of not less than 400 kilograms (882 pounds). They must be designed with handles, straps, legs, an integral lift truck skid, pallet or platform base, or be secured on a lift truck skid, pallet or platform so as to provide for mechanical equipment to safely pick up the container, and must be constructed so as to sufficiently contain and protect the contents and withstand the normal rigors of the less-than-truckload environment. IBCs intended for stacking must have an integral stacking alignment or securing design feature. IBCs must be securely closed, and sufficient outage must be left within the IBC to ensure that the package will not leak or be permanently distorted as a result of liquid expansion due to change in temperatures likely to be encountered during transportation. IBCs designed for the transport of solid materials must be sift-proof and water-resistant. Bottom valves must be secured in the closed position, have a secondary means of sealing and must sufficiently protect against damage (e.g. shearing).

Flexible IBCs (FIBCs)

Sec. 2. Flexible IBCs (FIBCs) may be used for dry commodities only and must be constructed as follows and meet the performance requirements specified herein. FIBCs must be made from coated or uncoated polyethylene or polypropylene woven fabric so constructed as to contain and protect the contents and withstand the normal rigors of the less-than-truckload environment. Handles or straps must harness, encircle or be securely attached to the FIBC body to facilitate handling by mechanical equipment. FIBCs with spouts for discharging purposes, or with top or bottom filling or discharging openings, must be secured by means that will provide a sift-proof closure. FIBCs on lift truck skids, pallets or platforms must have the FIBC body placed within a fiberboard tray, with or without a separate fiberboard sleeve, and the depth of the tray or tray and sleeve, as the case may be, must extend at least 20 inches from the lift truck skid, pallet or platform deck. FIBC body, tray and, where present, sleeve must not overhang the deck, and the entire handling unit must be secured together with plastic film. FIBCs may be used again in transportation only when they are in such condition that they will protect contents as effectively as new containers.

► Nonhazardous Liquids in Fiberboard IBCs with Inner Plastic Film Bag or Liner

Sec. 3. Nonhazardous liquids may be shipped in fiberboard IBCs having an inner plastic film bag or liner, secured on a lift truck skid, pallet or platform, meeting the following minimum specifications:

Base: IBCs must be secured to a lift truck skid, pallet or platform base of sufficient design, size and strength to ensure weight of IBC does not cause any failure of structural components. See Item 265.

Fiberboard Container must be six-sided or octagonally shaped with a top cap and bottom tray made of triplewall corrugated fiberboard. Container must be of sufficient size and strength to support and contain the capacity and weight of the inner plastic film bag or liner and its contents during transportation.

Inner Plastic Film Bag or Liner must have appropriate mil thickness or number of plies, in addition to having sufficient outage, to fully contain contents and prevent any leakage or seepage during transport.

Securement and Unitization: Fiberboard container must not overhang the lift truck skid, pallet or platform deck and must be secured to the lift truck skid, pallet or platform by strapping in opposing directions, with at least two straps in each direction.

Markings: Container must be placarded with precautionary warning labels on two outside opposite vertical panels in a prominent manner by either printing or by application of a pressure-sensitive label, differing in color from any other container printing. Label must be of horizontal rectangular 4 x 7 inch dimensions containing a bold border within which are printed the words 'LIQUID' in bold letters of 1½ inches in height with 'CONTENTS' printed below in letters of ½ inch in height.

Gross weight of container and contents not to exceed 4,000 pounds.

Use for Hazardous Materials

Sec. 4. IBCs used for the transportation of hazardous materials must be in conformance with the applicable requirements of Title 49 of the Code of Federal Regulations (CFR). ASTM D7387, Standard Test Method for Vibration Testing of Intermediate Bulk Containers (IBCs) Used for Shipping Liquid Hazardous Materials (Dangerous Goods), may be used to test the integrity of the IBC, providing the 49 CFR requirements have been met.

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ITEM	ARTICLE	CLASS
4625	Adhesives, NOI, Adhesive Cements, NOI, Adhesive Glues, NOI, or Adhesive Pastes, NOI , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 4626, in bags, boxes, drums, pails, intermediate bulk containers (IBCs), portable tanks or ►Packages 1398, 2213, 2463, 2467 or 2516, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 15.....	100
Sub 2	15 but less than 22.5	70
Sub 3	22.5 but less than 30	65
Sub 4	30 or greater.....	55
△4626	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.	
30040	Brake, Shock Absorber or Hydraulic System Fluid , other than petroleum, in boxes, drums or ►Package 689.....	70
41960	☛ Cement , 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.	
42600	► CHEMICALS GROUP:	
42603	NOTE—☒Cancel; no further application.	
43940	☛ Chemicals, NOI , see Note, item 43941, in bags, boxes, drums, pails, intermediate bulk containers (IBCs) or ►Packages 2258 or 2456, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 10.....	125
Sub 2	10 but less than 15	85
Sub 3	15 but less than 30	70
Sub 4	30 or greater.....	55
△43941	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.	
46030	Resins, coal tar or petroleum, or Resin Compounds , see Note, item 46032, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 46031, in bags, boxes, drums or ►Package 2501	55
△46031	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.	
△46032	NOTE—Applies only on coumarone-indene, petroleum polymer or petroleum hydrocarbon resins, or on resin compounds, not commercially suitable for molding or extruding purposes, in liquid, powder, flake, lump or solid mass form. Applies on such resins or resin compounds only when: (1) the resin or rosin does not exceed 50 percent by weight of contents; OR (2) the resin or rosin exceeds 50 percent by weight of contents provided that the actual value does not exceed 60 cents per pound and is so certified by the shipper on shipping orders and bills of lading at time of shipment. If the actual value exceeds 60 cents per pound or if no value is shown by the shipper at time of shipment, item 156200, naming 'Plastic Flakes, NOI, Granules, Lumps, Pellets, Powder or Solid Mass,' or item 156240, naming 'Liquid Plastic, NOI,' will apply, with the final determination of item dependent on the form of the resin or resin compound.	
48580	Cleaning, Scouring or Washing Compounds , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 48583 and 48585, viz.: Bluing , laundry; Cleaning, Scouring or Washing Compounds, NOI; Degreasers; Detergents; Soap , liquid or other than liquid, including Soap Powder, NOI; In bags, boxes, drums, pails, intermediate bulk containers (IBCs) or ►Packages 602, 1333, 2039, 2189, 2213, 2289, 2309, 2341, 2355, 2393, 2398, 2410, 2463, 2467 or 2479.....	70
△48583	NOTE—Does not apply on hand soap in freestanding bottles or containers with integral pump. For applicable provisions, see item 59363.	
△48585	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.	
50140	Compounds , defoaming, see Note, item 50142:	
Sub 1	Emulsified oil and not less than 50 percent by weight of water, ►in bulk in drums	55
Sub 2	NOI, ►in boxes, drums or pails.....	70
△50142	NOTE—Applies only on compounds designed to prevent formation of foam in industrial processes.	
50227	Compounds , industrial process water treating, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 50228 and 50229:	
Sub 1	Liquid, ►in boxes or drums.....	60
Sub 2	Dry, in bags, boxes or drums	55
△50228	NOTE—Applies only on compounds which are of a bactericidal, fungicidal, corrosion-inhibiting or particle-dispersing nature, such as used in treatment of water during manufacture of leather, paint or paper.	
△50229	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.	

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ITEM	ARTICLE	CLASS
50232 Sub 1 Sub 2 Sub 3 Sub 4	<p>☉Compounds, iron or steel cleaning, NOI, other than corrosive materials: Dry, in drums Liquid: In carboys ►In drums.....</p>	55 100 55
50234 Sub 1 Sub 2 Sub 3	<p>☉Compounds, iron or steel rust preventing or removing, NOI, other than corrosive materials and other than petroleum: In carboys other than plastic carboys In plastic carboys, or in inner containers in boxes ►In bulk in drums, see Note, item 50235.....</p>	100 77.5 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.	
50420	☉ Compounds or Agents , 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.	
50455	Compounds or Lubricants , metal cutting, drawing or drilling, dry, liquid or paste, NOI, see Note, item 50456, ►in boxes, drums or pails	70
△50456	NOTE—Does not apply on compounds or lubricants containing in excess of 50 percent petroleum. See item 155250 for applicable provisions when petroleum content exceeds 50 percent.	
57100 Sub 1 Sub 2 Sub 3	<p>Deodorants, NOI, other than contained in or in the form of decorations, novelties or ornaments, see Note, item 57101, or Disinfectants, NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 57102 and 57103: In carboys..... In inner containers in boxes or Package 2341..... In bulk in drums, pails or ►Package 2213.....</p>	100 85 60
△57101	NOTE—Does not apply on deodorants contained in or in the form of decorations, novelties or ornaments. For applicable classes, see item 56290.	
△57102	NOTE—Does not apply on toilet preparations nor on deodorants or disinfectants that are medicinal.	
△57103	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.	
57220	Dextrin or British Gum , liquid, ►in drums.....	55
DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS		
GROUP: subject to item 58500		
59420 Sub 1 Sub 2 Sub 3	<p>Toilet Preparations or Personal Care Products, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 59421, viz.: Cosmetics, NOI, including Eyeliners, Eye Shadow, Face Powder, Foundation, Lip Balm, Lip Gloss, Lipstick or Mascara; Creams, Lotions, Moisturizers or Oils, body, face or hand, NOI, including Sunscreen or Suntan Lotions or Oils; Hair Bleaching or Coloring Kits; Hairspray or Hair Styling Products, including Hair Gel, Mousse, Oil or Wax; Hand Sanitizers, NOI; Makeup, including Masquerade or Stage Makeup; Mouthwash; Nail Polish or Nail Polish Remover; Shampoo or Conditioner, hair; Shaving Cream, Gel or Soap; Toilet Preparations, NOI; Toothpaste or Tooth Powder; In boxes, drums, pails or ►Packages 2189, 2213, 2407 or 2411, subject to Item 170 and having a density in pounds per cubic foot of: Less than 10..... 10 but less than 15..... 15 or greater.....</p>	125 85 70
△59421	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.	
FEED GROUP: subject to item 66700		
67050 Sub 1 Sub 2 Sub 3	<p>Feed or Feed Supplements, animal, fish or poultry, other than frozen and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 67051 and 67052, viz.: Feed, prepared, NOI; Feed Supplements; Feeding Compounds or Preparations, condimental or medicinal; Pet Food, prepared, NOI; In bags, boxes, drums, pails or ►Packages 1000, 1271, 1500, 2257, 2330 or 2421, subject to Item 170 and having a density in pounds per cubic foot of: Less than 15..... 15 but less than 30..... 30 or greater.....</p>	92.5 70 55
△67051	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.	

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ITEM	ARTICLE	CLASS
△67052 68140 Sub 1 Sub 2 Sub 3 Sub 4 Sub 5 Sub 6	NOTE—Does not apply on edible pet treats in various forms or shapes. For applicable provisions, see item 27765. ☉Fertilizing Compounds (Manufactured Fertilizers) , NOI, see Note, item 68144: Dry: In inner containers in boxes, subject to Item 170 and having a density in pounds per cubic foot of: Less than 20 20 or greater In bulk in bags, boxes, drums or Package 2435 Liquid, ►in boxes or drums.....	110 60 50 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.	
△72000	FOODSTUFFS GROUP: Articles consist of Foodstuffs, Beverages or Beverage Preparations, not named in other more specific groups, see Notes, items 72002, 72004, 72005, 72007 and 72008, as described in items subject to this grouping.	
△72002	NOTE—Unless otherwise specified in individual items, provisions apply only on foodstuffs, beverages or beverage preparations, other than frozen.	
△72004	NOTE—Commodities other than frozen or requiring refrigeration, listed under this generic heading, when packed in rectangular inner fiberboard containers will be subject to the 'in boxes' classes when enclosed in paper wrappers or in plastic film overwrap bundles. Package must consist of only one layer or tier of inner containers and gross weight must not exceed 14 pounds. This packaging is permissible only on those commodities that are not contained in glass or earthenware or otherwise fragile containers. Wrappers must consist of paper or paperboard basis weight not less than 126 pounds per 500 sheets 24 × 36 inches or plastic film totaling not less than 2 mils in thickness, and must totally enclose inner containers. Ends and overlap seams must be firmly glued or when plastic film is utilized, seams and ends must be heat sealed.	
△72005	NOTE—Unless specified in individual items, classes will not apply on commodities prepared by a freezing-dehydration method nor on products containing in excess of 10 percent of the net weight of ingredients prepared by the freezing-dehydration process. Products prepared by the freezing-dehydration process, or containing in excess of 10 percent of ingredients prepared by the freezing-dehydration process, will be classed per item 76850.	
72007	NOTE—Commodities listed under this generic heading, when tendered for shipment in ►Packages 2257, 2330, 2375, 2443, 2456, 2511, 2516 or 2519, are to be classified under the same provisions that apply when tendered to the carrier in boxes.	
△72008	NOTE—Commodities listed under this generic heading, when tendered for shipment in Package 1500, are to be classified under the same provisions that apply when tendered to the carrier in boxes. When unitized on and secured to pallets by stretch or shrink film, commodities will be accepted for shipment in Package 1500 modified so that the film enclosure of the completed package may have end openings. End openings must not exceed one-half the exposed height of the inner containers.	
72041	Baking Powder , in bags, boxes, drums or ►Packages 2463 or 2498	65
72510	Cocktail Mixes or Mixers , liquid, nonalcoholic, other than beverages, see Note, item 72511, in boxes, drums or ►Packages 2463 or 2498	65
△72511	NOTE—Applies only on liquid nonalcoholic mixtures, other than beverages, used in the preparation of alcoholic mixed drinks, and are so represented for sales purposes.	
72810	Dressing or Stuffing , bread base, with or without other ingredients, dry; or Bread Crumbs; Bread Cubes or Croutons; or Cracker or Matzo Meal ; in bags, boxes or ►Packages 1000 or 1500, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 10	150
Sub 2	10 or greater	70
72910	Extracts , NOI; Flavoring Compounds , NOI; Imitation Flavors , NOI; or Bottlers' Flavoring Compounds , NOI, see Note, item 72917; liquid, paste or dry, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Notes, items 72911, 72914 and 72916; in boxes or drums; or dry, in bags or ►Packages 1000 or 2358	70
△72911	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.	
△72914	NOTE—Inner containers may include plastic or metal molds, or paper, plastic or wooden sticks not in excess of 5 percent of gross weight of package.	
△72916	NOTE—There may be included in each package a quantity of sodium salts not in excess of 5 percent of the gross weight of the package.	
△72917	NOTE—There may be included in each shipment of Bottlers' Flavoring Compounds a quantity of phosphoric acid solution, alcohol solution, or a combination of both, not in excess of 15 percent of the total shipment weight.	
73250	Foodstuffs , other than frozen, Group III, viz.: Fish Balls; Juice , clam or oyster; Milk, Cream, Buttermilk or Dry Milk Solids , powdered or flaked, with or without vegetable fats not exceeding one percent by weight, also in multiple-wall paper bags; In boxes, crates, drums or ►Packages 2463 or 2498.....	60

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ITEM	ARTICLE	CLASS
73260	<p>FOODSTUFFS GROUP: subject to item 72000</p> <p>Foodstuffs, other than frozen, Group IV, viz.:</p> <p>Bakery Goods, NOI, also in Package 2428;</p> <p>Beverage Preparations, NOI, see Note, item 73263, also in Packages 2330 or 2438;</p> <p>Coffee, Tea or Herbal Tea, NOI, see Note, item 73261, also in Packages 2330 or 2380;</p> <p>Cookies or Crackers, NOI, also in Package 2428;</p> <p>Desserts, Dessert Toppings or Related Foods, NOI, see Note, item 73262;</p> <p>Foodstuffs, NOI;</p> <p>Hot Chocolate or Hot Cocoa Mixes;</p> <p>Juice, fruit or vegetable, including Juice Concentrates, Juice Beverages, Juice Drinks or Juice Powders or Crystals, see Note, item 73263, also in Packages 2438 or 2467;</p> <p>Pasta or Noodles, with or without other ingredients;</p> <p>Rice, cleaned or prepared, NOI, with or without other ingredients;</p> <p>Snack Foods, NOI;</p> <p>Soups or Soup Mixes;</p> <p>In bags, boxes, drums or ► Packages 128, 223, 510, 1000, 1400, 1500, 2093, 2231, 2404, 2414, 2416, 2421, 2425, 2463, 2498 or 2507, subject to Item 170 and having a density in pounds per cubic foot of:</p>	
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 or greater.....	60
△73261	NOTE—Also applies on: instant, soluble, freeze-dehydrated or freeze-dried coffee, tea or herbal tea; coffee, tea or herbal tea in premeasured servings, with or without integral filter; or Coffee Service Kits or Sets , consisting of coffee in premeasured servings, with or without integral filter, and with or without non-dairy creamer, sugar or artificial sweetener, stirrers, tea, herbal tea or hot chocolate in same box.	
△73262	NOTE—Provisions for desserts, dessert toppings or related foods include, but are not limited to:	
	Crusts, pie or tart;	
	Dessert Mixes or Preparations, NOI;	
	Dishes, Bowls, Ice Cream Cones or Shells, edible, NOI;	
	Dough, prepared;	
	Gelatine Dessert;	
	Sauces or Toppings, ice cream or dessert, NOI, in other than pressurized containers, including Marshmallow	
	Creme, Nuts (Nutmeats) in Syrup, or Sprinkles.	
△73263	NOTE—Also applies on freeze-dehydrated or freeze-dried beverage preparations or juice powders or crystals.	
73365	Fruits or Vegetables, canned or preserved, NOI, other than dehydrated, dried or evaporated, see Note, item 73366, in boxes, drums or ► Packages 1000, 1264, 2288, 2303, 2438, 2463, 2467, 2498 or 2507.....	60
△73366	NOTE—Also applies on:	
	Beans, edible, with or without other ingredients, NOI;	
	Fruit Butter or Pulp;	
	Jams, Jellies, Marmalades or Preserves, NOI;	
	Mushrooms, other than truffles;	
	Olives;	
	Pickles, NOI;	
	Pimientos;	
	Tomatoes, including Tomato Paste, Tomato Pulp or Tomato Puree.	
73450	Honey, NOI, in boxes, drums or ► Packages 2463 or 2498.....	60
73990	Milk, condensed or evaporated, liquid, with or without vegetable fats, in boxes, drums or ► Packages 1000, 2463 or 2498.....	55
74035	Milk or Cream Products, shelf-stable, viz.:	
	Milk or Cream, liquid, including Milk Beverages or Milk Drinks;	
	Milk or Cream Substitutes, including Nondairy Creamers or Plant-Based Milk or Cream Products, NOI;	
	In boxes, drums or ► Packages 2463 or 2498.....	65
74095	Molasses or Syrups, not medicated, viz.:	
	Agave Syrup (Agave Nectar);	
	Beverage or Fountain Syrup;	
	Flavoring Syrup;	
	Maple Syrup;	
	Molasses, NOI;	
	Syrup, corn, rye, sorghum or wheat, NOI;	
	Syrup, malt or malted;	
	Syrup, NOI;	
	In boxes, drums or ► Packages 1000, 2035, 2288, 2402, 2463, 2467 or 2498.....	65
74190	Oils, cooking or salad, NOI; Cooking Spray, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 74191; or Vegetable Oil Shortening; in boxes, drums or ► Packages 275, 1000, 2257, 2288, 2330, 2393, 2401 or 2415.....	65

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ITEM	ARTICLE	CLASS
<p>△74191</p>	<p>FOODSTUFFS GROUP: subject to item 72000 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.</p>	
<p>74510 Sub 1 Sub 2 74700</p>	<p>Purees, fruit or vegetable, including Applesauce: In pouches, in boxes..... NOI, in boxes, drums or ►Packages 1000, 1264, 2288, 2463 or 2498.....</p>	<p>70 60</p>
<p>75400</p>	<p>Sauces, Condiments, Dips or Spreads, other than dry, viz.: Barbecue Sauce; Condiments, NOI; Dips, NOI; Gravy; Horseradish, prepared; Hot Sauce or Pepper Sauce; Ketchup (Catsup); Marinades; Mayonnaise; Mustard, prepared; Salad Dressing, including Vinaigrette; Salsa; Sandwich Spreads, NOI, including Cheese Spreads; Sauces, basic food, NOI, including Marinara, Pizza or Spaghetti Sauce; Sauces, cooking or dipping, NOI; Soy Sauce; In boxes, drums or ►Packages 1204, 1400, 1429, 2093, 2288, 2303, 2438, 2463, 2467 or 2498 Vinegar, liquid, in boxes, drums or ►Packages 2463 or 2498.....</p>	<p>65 60</p>
<p>77140 Sub 1 Sub 2 Sub 3 Sub 4</p>	<p>FRUITS OR VEGETABLES, DRIED, GROUP: subject to item 77000 Fruit or Fruit Peel, NOI, not candied, crystallized, glazed nor stuffed: In inner containers in boxes or Package 1264, subject to Item 170 and having a density in pounds per cubic foot of: Less than 15 15 or greater ►In bulk in bags, boxes or drums</p>	<p>100 70 65</p>
<p>111400</p>	<p>►LIQUORS, BEVERAGE:</p>	
<p>111402</p>	<p>NOTE—☒Cancel; no further application.</p>	
<p>△144600</p>	<p>OILS, OTHER THAN PETROLEUM: see Note, item 144603</p>	
<p>144603</p>	<p>NOTE—Commodities listed under this generic heading when tendered for shipment in ►Package 2516 are to be classified under the same provisions that apply when tendered to the carrier in boxes.</p>	
<p>144900 Sub 1 Sub 2 Sub 3 Sub 4 Sub 5 Sub 6</p>	<p>Essential, natural or artificial, NOI, value declared in writing by the shipper or agreed upon in writing as the released value of the property in accordance with the following, see Note, item 144902, ►in boxes or drums: If not exceeding 50 cents per pound If exceeding 50 cents, but not exceeding \$1.00 per pound..... If exceeding \$1.00, but not exceeding \$2.50 per pound If exceeding \$2.50, but not exceeding \$5.00 per pound If exceeding \$5.00, but not exceeding \$7.50 per pound If exceeding \$7.50 per pound or if in glass carboys.....</p>	<p>70 100 200 300 400 Not Taken</p>
<p>△144902</p>	<p>NOTE—The released value which shall be deemed to relate to each pound separately and not to the shipment as a whole, must be entered on shipping order and bill of lading as follows: <i>"The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per pound."</i></p> <p style="text-align: center;">_____ (Shipper's Signature)</p> <p>(Classes herein based on released value have been authorized by the Interstate Commerce Commission by Released Rates Order No. MC-342 of August 13, 1952.)</p>	

FREIGHT CLASSIFICATION DOCKET 2023-3

ITEM	ARTICLE	CLASS
149500 149502 149980	<p>► PAINTS GROUP: Articles consist of Paints, Paint Material or Putty, as described in items subject to this grouping.</p> <p>NOTE—<input checked="" type="checkbox"/>Cancel; no further application.</p> <p>Paint and Related Materials, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 149982, viz.:</p> <p>Additives, paint preserving; Color, mortar; Compounds, paint, lacquer, varnish, gum, resin, plastic or adhesive increasing, reducing, removing, thickening or thinning; Driers, paint or varnish; Fillers, wood; Lacquer; Liquids, bronzing; Paint Oils; Paints, Stains or Varnishes, NOI; Pigments, NOI; Plasticizers, paint, lacquer, varnish, gum, resin or plastic; Shellacs; Solvent, paint, lacquer, varnish, gum, resin, plastic, rubber or adhesive; In bags, boxes, drums, pails, intermediate bulk containers (IBCs), portable tanks or ► Packages 33, 1398, 2138, 2257, 2301, 2335, 2374, 2403, 2404, 2463, 2467 or 2516, subject to Item 170 and having a density in pounds per cubic foot of:</p>	
Sub 1 Sub 2	<p>Less than 20.....</p> <p>20 or greater.....</p>	85 55
△149982	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.	
154700	► PASTE GROUP:	
154702	NOTE— <input checked="" type="checkbox"/> Cancel; no further application.	
155000	► PESTICIDES GROUP: Articles consist of any substance or mixture of substances intended to prevent, destroy, repel or mitigate any pest, including defoliants, herbicides, fungicides or insecticides, as described in items subject to this grouping, ►see Note, item 155001.	
△155001	NOTE—Materials regulated by the U.S. Department of Transportation as a corrosive, flammable gas, poison or poison gas and required to bear a notice to that effect on bills of lading and packaging are not subject to the provisions of this grouping.	
155002	NOTE— <input checked="" type="checkbox"/> Cancel; no further application.	
155250	► PETROLEUM PRODUCTS GROUP: subject to item 155100	
	<p>Petroleum Oils, Greases and Related Products, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 155252, viz.:</p> <p>Adhesive or Coating, air filtering element dust arresting; Alcohols, inedible fatty, NOI; Fatty Acid, petroleum; Naphthenic Acid; Oil, NOI, see Notes, items 155126 and 155255; Paraffin Wax; Petrolatum, Petroleum Jelly or Petroleum Petrolatum Preparations, see Note, item 155126; Petroleum Distillates or Petroleum Products, NOI; Petroleum Wax; Transformer Oil;</p>	
△155252	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.	65
△155255	NOTE—When palletized, lubricating oil may be shipped in Package 1500 modified so that the film enclosure of the completed package may have end openings. End openings must not exceed 1/2 the exposed height of the inner containers.	
156200	► PLASTIC MATERIALS, OTHER THAN EXPANDED, GROUP: subject to item 156100	
	<p>Flakes, NOI, Granules, Lumps, Pellets, Powder or Solid Mass, other than as described in items 46030 and 46032, in bags, boxes, drums, pails or ► Packages 1324, 2203, 2211, 2231, 2264, 2301, 2306, 2317, 2331, 2350 or 2501.....</p>	60
156240	Liquid , NOI, other than as described in items 46030 and 46032 and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 156241, in boxes, drums or ► Package 2516.....	60
△156241	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.	
171720	► RUBBER MATERIALS GROUP: subject to item 171600	
176325	Latex , liquid, ►in drums or in inner containers in boxes.....	60
176520	Silica , colloidal, liquid, ►in drums or in containers in boxes.....	55
176522	Sizing , emulsified petroleum, see Note, item 176522, ►in bulk in drums.....	55
△176522	NOTE—Applies on a mixture of petroleum oil, petroleum wax or petrolatum and water, rosin or emulsifying agents, the petroleum oil, petroleum wax or petrolatum not to exceed 52 percent and the rosin or emulsifying agents, singly or combined, not to exceed 15 percent of the total weight.	

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176540	Sizing , NOI, ► in inner containers in boxes, or in bulk in drums or pails; also dry, in bulk in bags or Package 1457	60
176560	Sizing , rosin, ► in drums, or dry, in bags	65
176960	Softeners , fabric or textile:	
Sub 1	In tablet, granular or powdered form, contained in dispensing pads or packets, in boxes	200
Sub 2	Contained or impregnated in cloth or paper sheets, in boxes	100
Sub 3	Contained or impregnated in foam, cellular or expanded plastic sheets or sheeting, in inner retail containers, in boxes	125
Sub 4	NOI, in boxes, in bulk in bags or drums or in ► Package 2412	55
178740	Starch , liquid, ► in boxes or drums	55
178760	Starch , NOI:	
Sub 1	In inner containers in boxes	60
Sub 2	► In bulk in bags, boxes, drums or pails	55
196500	Water , mineral, NOI, or plain (not flavored nor phosphated):	
Sub 1	Carbonated (charged), in inner containers in boxes, or in metal cylinders	60
Sub 2	Other than carbonated, distilled or other than distilled:	
Sub 3	In carboys	100
Sub 4	In inner containers other than intravenous dispensing type, ► in boxes, in Package 1428, or in bulk in drums	60

SPECIFICATIONS FOR NUMBERED PACKAGES

<input checked="" type="checkbox"/> Cancel; no further application.	Package 2399
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2440
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2445
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2452
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2458
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2473
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2478
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2496
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2499
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2500
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2510
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2515
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2521
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2526
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2528
<input checked="" type="checkbox"/> Cancel; no further application.	Package 2530