



National Motor Freight Classification®

Supplement 4 to NMF 100-AR

(Supplements 1, 2, 3 and 4 contain all changes)

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Issued by:

Joel L. Ringer, Issuing Officer

National Motor Freight Traffic Association, Inc., Agent

1001 North Fairfax Street, Suite 600, Alexandria, VA 22314

www.nmfta.org

703.838.1810

For subscription information, call NMFTA Customer Service at 1.866.411.NMFC (6632).

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Issued by

Joel L. Ringer

Issuing Officer

National Motor Freight Traffic Association, Inc., Agent
1001 North Fairfax Street, Suite 600
Alexandria, Virginia 22314

Telephone — 703.838.1810

Fax — 703.683.1094

Email — ccsb@nmfta.org

Website — www.nmfta.org

PARTICIPATING MEMBER INTERSTATE CARRIERS

The following NMFTA member carriers are participants in or licensed to participate in this Classification for interstate, intrastate and foreign commerce under authority of powers of attorney issued to National Motor Freight Traffic Association, Inc., Agent or licenses issued by the National Motor Freight Traffic Association, Inc. The provisions of this Classification are limited to intrastate application within the states where the carrier is authorized to operate.

SCAC	CARRIER NAME and DOMICILE	U.S. DOT Number	MC Number
CAZF	▲Central Arizona Freight, LLC, Chandler, AZ	1103909	454425
⊕★GWDB	Gateway Distribution, Inc., Cincinnati, OH	561161	237379
⊕★LAEA	Land Air Express, North East Freightways, Inc., d/b/a, Williston, VT	829847	367873
⊕★USBD	U S CityLink Corporation, Bakersfield, CA	1754395	641916

PARTICIPATING MEMBER INTRASTATE CARRIERS

The following NMFTA member carriers are participants in or licensed to participate in this Classification for intrastate commerce under authority of powers of attorney issued to National Motor Freight Traffic Association, Inc., Agent or licenses issued by the National Motor Freight Traffic Association, Inc. The provisions of this Classification are limited to intrastate application within the states where the carrier is authorized to operate.

SCAC	CARRIER NAME and DOMICILE	U.S. DOT Number
⊕★ABMR	Artesia Building Materials, Inc., Artesia, CA	2645220
⊕★ROLW	Rolo Transport, Miramar, FL	1643722

PARTICIPATING FREIGHT FORWARDER LICENSEES

The following freight forwarders are licensed to participate in this Classification under authority of powers of attorney issued to National Motor Freight Traffic Association, Inc., Agent or licenses issued by the National Motor Freight Traffic Association, Inc.

SCAC	CARRIER NAME and DOMICILE	U.S. DOT Number	FF Number
⊕★CPWS	Crate Pros, Birk Industries LLC, d/b/a, Lebanon, TN	3160497	FF27310

PARTICIPATING BROKER LICENSEES

The following interstate brokers are licensed to participate in this Classification under authority of powers of attorney issued to National Motor Freight Traffic Association, Inc., Agent or licenses issued by the National Motor Freight Traffic Association, Inc. The participation of each broker named herein is limited, on interstate, intrastate and foreign commerce, to provisions of this Classification applying on the articles and commodities for which the broker is authorized to arrange transportation.

SCAC	BROKER NAME and DOMICILE	U.S. DOT Number	MC or FF Number
⊕★DEVF	Delvi Inc, Miami, FL	2842327	952153
FMTF	▲Farmore Transportation Services, Inc., Corona, CA	2229388	434520
REPA	▲Republic Logistic Services, Elk Grove, CA	2235187	539754

CUMULATIVE LIST OF ITEMS AND NUMBERED PACKAGES IN SUPPLEMENTS

Listed below are items and numbered packages that have been added, amended or brought forward in this supplement and previous supplements.

ITEM	SUP	ITEM	SUP	ITEM	SUP	ITEM	SUP	ITEM	SUP	ITEM	SUP
110-A	4	39232-A	4	★48585	2	★63570	2	106980-A	4	★137470	2
183-B	2	39315-A	1	48930-A	2	★63571	2	107700-A	2	★137471	2
360-A	4	39317-A	1	49285-A	2	65540-A	1	107780-A	4	138980-A	2
680-A	4	39730-A	2	49290-A	2	★66860	1	109530-A	2	139000-A	2
15510-A	2	40510-A	1	49390-A	2	★67050	4	109550-A	2	148100-A	2
15512-A	2	42380-A	2	49391-A	2	★67051	4	109600-A	2	152800-A	4
15520-B	4	★42381	2	49505-A	2	★67052	4	109604-A	2	153900-A	4
15522-B	4	42382-A	2	49507-A	2	67060-A	4	109610-A	2	153901-A	4
15523-B	4	42604-A	4	49880-A	2	67061-A	4	109612-A	2	153902-A	4
15524-B	4	43020-A	4	49881-A	2	67070-A	4	109700-A	2	154990-A	2
15525-B	4	43050-A	4	49885-A	2	67072-A	4	109701-A	2	156300-A	4
15710-A	1	43051-A	4	49886-A	2	67075-A	4	109702-A	2	156302-A	4
★16835	2	43052-A	4	49940-A	2	69095-A	4	109703-A	2	156303-A	4
★16836	2	43055-A	4	★49941	2	69096-A	4	109704-A	2	156304-A	4
16840-A	2	43100-A	4	50170-A	4	★69097	4	109705-A	2	156600-A	4
17300-A	2	43480-A	4	★50171	4	69420-B	2	109706-A	2	156602-A	4
17301-A	2	43520-A	1	50270-A	4	69422-B	2	★109850	2	156603-A	4
18260-A	1	43525-A	1	50272-A	4	69423-A	2	113410-A	2	156604-A	4
18262-A	1	43526-A	1	52895-A	1	69463-A	1	113415-A	2	156940-A	4
18265-A	1	43790-A	4	52896-A	1	69465-A	2	114090-A	1	★158905	1
18266-A	1	44580-A	4	56710-A	2	69466-A	1	115030-A	4	★158906	1
18267-A	1	44640-A	4	★56711	2	69467-A	1	115031-A	4	★158907	1
★18268	1	★45463	4	56714-A	2	69470-A	2	116030-A	1	★158908	1
19070-A	2	★45464	4	56834-A	2	69900-A	2	116031-A	1	159010-A	1
23600-A	1	★45467	4	56836-A	2	75100-A	1	116033-A	1	★159011	1
24330-A	2	★45468	4	56910-A	4	★75101	1	116034-A	1	159370-A	1
24332-A	2	45740-A	4	★56911	4	80220-A	2	★116035	1	159371-A	1
24350-A	2	45820-A	4	56950-A	4	80550-A	1	★116036	1	159410-A	1
25045-A	2	45830-A	4	59000-A	1	80580-A	1	★116037	1	159412-A	1
25920-A	1	45840-A	4	59363-A	2	80581-A	1	119540-A	2	159420-A	1
25925-A	1	45845-A	4	59364-A	2	80582-A	1	123140-A	1	164390-B	4
25926-A	1	46250-A	4	60000-A	2	80583-A	1	★123150	1	164391-B	4
25927-A	1	46410-A	4	60002-A	2	80584-A	1	123270-A	1	164392-A	1
★25928	1	46490-A	4	60004-A	2	82844-A	4	123271-A	1	164393-B	4
27980-A	2	46500-A	4	61330-A	1	84200-A	1	★123272	1	★164394	4
27990-A	2	46740-A	4	61331-A	1	84220-A	1	123275-A	1	168810-A	2
28000-A	2	47560-A	1	61900-A	4	84240-A	1	123276-A	1	177240-A	1
28080-A	1	47570-A	1	61902-A	4	84260-A	1	123550-A	4	182120-A	1
28160-A	4	47580-A	1	61904-A	4	84261-A	1	123551-A	4	182121-A	1
28380-A	1	47582-A	1	★61910	4	98110-A	4	★123552	4	182122-A	1
★28390	1	47590-A	1	★61911	4	100590-A	4	★123553	4	★184960	4
★28391	1	47600-A	1	61920-A	4	101715-A	1	123760-A	1	★184961	4
28400-A	1	★48395	2	61922-A	4	101740-A	1	125750-A	2	184970-A	4
28540-A	1	48505-A	2	61924-A	4	★101741	1	126157-A	4	184975-A	4
36820-A	2	48580-A	2	62262-A	2	101742-A	1	131650-A	2	184980-A	4
36822-A	2	48581-A	2	62270-A	2	101743-A	1	131670-B	2	184982-A	4
★36823	2	48582-A	2	★62271	2	101744-A	1	131672-B	2	184985-A	4
36824-A	2	48583-A	2	63300-A	2	101800-A	1	131673-B	2	184990-A	4
39230-A	4	48584-A	2	63303-A	2	101801-A	1	131674-B	2	184991-A	4

CUMULATIVE LIST OF ITEMS AND NUMBERED PACKAGES IN SUPPLEMENTS

Listed below are items and numbered packages that have been added, amended or brought forward in this supplement and previous supplements.

ITEM	SUP	ITEM	SUP	PACKAGE	SUP	PACKAGE	SUP	PACKAGE	SUP	PACKAGE	SUP
190225-A	1	★190236	1	214	2	2227	4	2394	4	★2542	4
190230-A	1	195910-A	2	256	2	2334	4	2481	4		
190235-A	1	400500-A	4	2163	4	2370	4	2490	1		

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Article	Item	Article	Item	Article	Item
A		F		M	
ⓑAmmonium Nitrate	43020	Fans:		Mats:	
ⓑAmmonium Perchlorate, offered for transportation as a Hazard Class 5, Division 5.1	43050	ⓐElectric, NOI	61910	ⓐBathtub, plastic or rubber	156600
ⓑAmmonium Perchlorate, offered for transportation as a Hazard Class 1, Division 1.1	64300	ⓐExhaust, electric	61910	ⓐDrainboard, plastic or rubber	156600
ⓑAmmonium Persulfate	43055	ⓐVentilating, electric	61910	ⓐShower stall, plastic or rubber	156600
ⓑAmmonium Sulfate Nitrate	43100	Feed:		ⓐSink, plastic or rubber	156600
ⓑAnimal Feed, prepared, NOI, not frozen	67060	ⓑAnimal, prepared, NOI, not frozen	67060	ⓐStove protector, plastic or rubber	156600
ⒶAnimal Feed, prepared, NOI, other than frozen	67050	ⒶAnimal, prepared, NOI, other than frozen	67050	ⒶMedicinal Feeding Compounds or Preparations, animal, fish or poultry, other than frozen and not required by DOT to bear a Hazard Class or Hazard Division label	67050
B		ⓑFish, prepared, NOI, not frozen	67060	Molds:	
Backs:		ⒶFish, prepared, NOI, other than frozen	67050	ⒶBaking, paper	153900
ⓑChair, laminated	82844	ⒶPet (Pet Food), prepared, NOI, other than frozen	67050	O	
ⓑBenzoyl Peroxide	43480	ⓑPoultry, prepared, NOI, not frozen	67060	ⒶOrganic Peroxides, NOI, other than toxic	45463
Block(s):		ⒶPoultry, prepared, NOI, other than frozen	67050	ⒶOxidizers, NOI, other than toxic	45467
ⓑHat	98110	ⓑFeed Supplements, animal, fish or poultry, not frozen	67070, 67075	P	
Briquettes:		ⒶFeed Supplements, animal, fish or poultry, other than frozen and not required by DOT to bear a Hazard Class or Hazard Division label	67050	Pellets:	
ⓑSponge iron	106980	ⓑFeeding Compounds or Preparations, condimental or medicinal, animal, fish or poultry, not frozen	67070, 67075	ⓑSponge iron, having value only for melting purposes	106980
C		ⒶFeeding Compounds or Preparations, condimental or medicinal, animal, fish or poultry, other than frozen and not required by DOT to bear a Hazard Class or Hazard Division label	67050	ⒶPet Food, prepared, NOI, other than frozen	67050
Cabinets:		ⓑFish Feed, prepared, NOI, not frozen	67060	ⓑPotassium Chlorate	45740
ⓑBathroom	39230	ⒶFish Feed, prepared, NOI, other than frozen	67050	ⓑPotassium Nitrate	45820
ⒶBathroom medicine or toilet, other than plastic	39230	Food(s):		ⓑPotassium Perchlorate	45830
ⓑMedicine	39230	ⒶPet, prepared, NOI, other than frozen	67050	ⓑPotassium Permanganate	45840
ⒶMedicine, bathroom, other than plastic	39230	G		ⓑPotassium Persulfate	45845
ⓑSpice, wood, containing glass bottles or jars	100590	H		ⓑPoultry Feed, prepared, NOI, not frozen	67060
ⓑToilet	39230	J		ⒶPoultry Feed, prepared, NOI, other than frozen	67050
ⒶToilet, bathroom, other than plastic	39230	Jacks:		Preparations:	
ⓑCalcium Nitrate	43790	ⓑAutomobile servicing, hydraulic, wheeled	184980	ⓑFeeding, condimental or medicinal, animal, fish or poultry, not frozen	67070, 67075
ⓑChili Saltpetre	46410	ⓑCantilever, pneumatic or ratchet, NOI, not wheeled	184970	ⒶFeeding, condimental or medicinal, animal, fish or poultry, other than frozen and not required by DOT to bear a Hazard Class or Hazard Division label	67050
Compound(s):		ⓑHydraulic, other than cantilever, not wheeled	184975	R	
ⓑCondimental feeding, animal, fish or poultry, not frozen	67070, 67075	ⒶLifting, NOI, hydraulic, mechanical or pneumatic	184960	Racks:	
ⓑFeeding, condimental or medicinal, animal, fish or poultry, not frozen	67070, 67075	ⓑLifting, NOI, wheeled	184990	ⒶSpice	164390
ⒶFeeding, condimental or medicinal, animal, fish or poultry, other than frozen and not required by DOT to bear a Hazard Class or Hazard Division label	67050	ⓑTrailer tongue lifting, worm gear driven, wheeled	184985	ⓑSpice, wood, containing glass bottles or jars	100590
ⓑFloor sweeping	50170	ⒶJackscrews, lifting, NOI, hydraulic, mechanical or pneumatic	184960	S	
ⒶFloor sweeping, other than disinfectant	50170	ⓑJackscrews, NOI, not wheeled	184970	ⓑSaltpetre	45820
ⓑMedicinal feeding, animal, fish or poultry, not frozen	67070, 67075	ⓑJackscrews, NOI, wheeled	184990	ⓑSaltpetre, chili	46410
ⓑOil absorption	50270	L		Sets:	
ⒶSpill absorption, other than disinfectant	50170	ⓑLeunsalt peter	43100	ⓑOxygen administration	56910
ⒶCondimental Feeding Compounds or Preparations, animal, fish or poultry, other than frozen and not required by DOT to bear a Hazard Class or Hazard Division label	67050	Liners:		ⒶOxygen administration, consisting of oxygen in steel cylinders not over 240 cu. in. capacity, plastic tubing and plastic administering mask	56910
Cups:		ⒶBaking, paper	153900	ⓑSodium Chlorate	46250
ⓐBaking, paper	153900	M		ⓑSodium Nitrate	46410
ⓐCandy, paper	153900	N		ⓑSodium Permanganate	46490
ⓐCharlotte russe, paper	152800	O		ⓑSodium Peroxide	46500
		P		ⒶSpice Racks	164390
		Q		ⓑStrontium Nitrate	46740
		R		Substitute(s):	
		S		ⓑJapan wax	107780

INDEX TO ARTICLES

Article	Item	Article	Item	Article	Item
Supplements:					
⑥ <i>Feed, animal, fish or poultry, not frozen</i> 67070, 67075		④ <i>Feed, animal, fish or poultry, other than frozen and not required by DOT to bear a Hazard Class or Hazard Division label</i> 67050			

RULES

ITEM 110-A

DEFINITIONS AND EXPLANATIONS OF TERMS, PUNCTUATION AND REFERENCES

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

Sec. 1. 'Carrier,' 'Consignee,' 'Consignor' or 'Shipper' includes the authorized representatives or agents of such 'carrier,' 'consignee,' 'consignor' or 'shipper.'

Sec. 2. 'Truck' or 'Vehicle' means any vehicle or vehicles propelled or drawn by a power unit and used on highways in the transportation of property.

Sec. 3. (a) 'Point' means a particular city, town, village, community or other area which is treated as a unit for the application of rates.

Sec. 3. (b) 'Place' means a particular street address or other designation of a factory, store, warehouse, place of business, private residence, construction location or the like, at a point.

Sec. 3. (c) 'Site' means a particular platform or specific location for loading or unloading at a place.

Sec. 3. (d) 'Address' means a particular street address (not a U.S. Post Office Box Number) where street address is available and must include the Post Office ZIP Code.

Sec. 4. Explanation of the words '**Rate**' and '**Class**':

Sec. 4. (a) 'Rate' means the figure stated in cents, dollars and cents, or fractions thereof, to be used in computing the charge on property transported.

Sec. 4. (b) 'Class' means the number assigned to an article or group of articles in this Classification or in exceptions thereto, for the purpose of determining the applicable rate.

▲Sec. 5. Unless otherwise provided in carriers' tariffs, a '**shipment**' consists of a tender of freight to a carrier by a consignor at one place at one time for delivery to a consignee at one place at one time on one bill of lading.

Sec. 5. (a) A 'prepaid shipment' is one on which the charges for transportation service rendered at the request of the consignor, including charges for any accessorial services performed at the request of the consignor, are to be paid by the consignor.

Sec. 5. (b) A 'collect shipment' is one on which the charges for transportation service, including accessorial services rendered at the request of the consignee, or requested by the consignor for the consignee, are to be paid for by the consignee.

Sec. 6. Unless otherwise provided, the term '**Handling Unit**' or '**Shipping Unit**' refers to each piece or unit of freight tendered to the carrier for shipment that requires or promotes separate handling. Such piece or unit may consist of a loose article, an article or articles in a package, or an article or articles palletized or unitized for shipment in such a manner as to allow loading and unloading as a single piece or unit. Unitization includes, but is not limited to, the consolidation of individual packages or pieces by means of banding, strapping, wrapping or master packing, with or without lift truck skids or pallets. Where articles are unitized for shipment, the term 'handling unit' or 'shipping unit' does not refer to the individual packages or pieces so unitized, but rather to the complete unit as tendered.

Sec. 7. Explanation of the words '**and**' and '**or**' and the use of **Parentheses**:

Sec. 7. (a) 'And' is used to couple the terms between which it appears.

Sec. 7. (b) 'Or' provides for alternation or use of either or both of the terms between which it appears.

Sec. 7. (c) As used in the description of articles, the term appearing between **parentheses** constitutes another description of the identical article immediately preceding the parentheses.

Sec. 8. 'Density.' Where classes are based on the density of articles as tendered for shipment, the word 'density' refers to the actual density of the articles shipped, as measured in pounds per cubic foot.

Sec. 8. (a) To determine the density of a handling unit, first determine the cubage of the handling unit by multiplying the greatest straight-line dimensions of length, width and height (depth) in inches, including all projections, if any, as tendered to the carrier for shipment, and dividing the total by 1,728 cubic inches (one cubic foot). The density is the result of the division of the weight of the handling unit as tendered for shipment by the cubic feet. For instance, the density of a handling unit consisting of boxes unitized on a lift truck pallet measuring 48" x 40" x 45" and weighing 450 pounds is determined as follows: 48" x 40" x 45" = 86,400 cubic inches; 86,400 ÷ 1,728 = 50 cubic feet; 450 lbs. ÷ 50 = 9.00 pounds per cubic foot (pcf).

Sec. 8. (b) To determine the density of a cylindrical-shaped handling unit, square the greatest dimension on the cylindrical plane by multiplying the dimension by itself in inches and then multiplying that result by the height or length. Divide the result by 1,728 cubic inches. The density is the result of the division of the weight of the handling unit by the cubic feet.

Sec. 8. (c) Where articles are unitized on lift truck pallets, platforms, racks or skids, the pallet, platform, rack or skid constitutes an integral part of the handling unit, and except as provided in Item 640, Sec. 3 (b), must be included in the computation of density.

Sec. 8. (d) Unless otherwise provided, where a shipment consists of multiple handling units the density shall be calculated on each handling unit, except that where shipping papers show only a total weight for all handling units tendered the density may be calculated by using the total weight and the total cube.

Sec. 9. Indentations: Where any part of the description of an article is found set away from the left margin in a position subordinate to the text preceding it, the description is to be read with its context and particularly with the preceding text, heading or headings. The effect of its position upon the meaning of a description should be carefully observed. Example: Item 42600, 'Chemicals Group,' controls items 42605 through 47430. Item 42670, 'Alcohols, NOI,' being further indented, is governed by the description just above it in item 42660.

Sec. 10. Unless otherwise provided, where individual items designate an article as being '**enameled**,' the term means porcelain or vitreous enamel.

Sec. 11. The terms '**in the rough**,' '**rough turned**,' '**in the white**' and '**finished**,' as defined in this rule are used to describe articles constructed of wood.

Sec. 11. (a) 'In the rough' or '**rough turned**' means that the articles are not further manufactured than sawed, hewn, planed, bent or turned.

Sec. 11. (b) 'In the white' means that the articles are further manufactured than as provided for in Sec. 11(a), but including not more than one coat of priming.

Sec. 11. (c) 'Finished' means that the articles are further manufactured than as provided for in Sec. 11(b).

Sec. 12. Definitions of, or meaning for, various forms of shipment:

Sec. 12. (a) 'SU' (Set Up) means articles in their assembled condition or articles that are tendered for shipment disassembled, folded or telescoped but do not meet the conditions described in Sec. 12, paragraphs (b) through (d). Where an article does meet the conditions described in Sec. 12, paragraphs (b) through (d), but such provisions are not published in the applicable item description, the SU class will apply.

Sec. 12. (b) 'SU in sections' or '**In SU Sections**' means articles taken apart in sections regardless of bulk or cubage, except that where other forms of shipment are provided in the same item and the meaning for such forms of shipment as described in Sec. 12, paragraphs (c) or (d) is complied with, the classes for such other forms of shipment will apply.

Sec. 12. (c) 'KD' (Knocked Down) means that an article must be taken apart, folded or telescoped in such a manner as to reduce its bulk at least 33¹/₃ percent from its normal shipping cubage when set up or assembled.

Sec. 12. (d) 'KD flat' means that an article must be taken apart, folded or telescoped in such a manner as to reduce its bulk at least 66²/₃ percent from its normal shipping cubage when set up or assembled.

(Continued on following page)

RULES

ITEM 110-A-Continued

Sec. 12. (e) 'Folded' means that the article is folded without regard to reduction of shipping cubage.

Sec. 13. (a) 'Nested' means that three or more different sizes of an article must be placed each smaller within the next larger or that three or more of the same articles must be placed one within the other so that each upper article must not project above the next lower article by more than one-third of its height.

Sec. 13. (b) 'Nested solid' means that three or more of the same articles must be placed one within or upon the other so that the outer side surfaces of the one above will be in contact with the inner surfaces of the one below and so that each upper article will not project above the next lower article by more than $\frac{1}{4}$ inch.

Sec. 13. (c) Classes provided for 'nested' articles **will not apply** when articles of different name or material are nested or placed one within the other, regardless of whether they are grouped in one description or shown separately.

Sec. 14. 'Iron' as used in the description of an article includes **'Steel'** and vice versa, and unless otherwise specified, these terms also include **'Stainless Steel'** or **'Alloy Steels'** containing less than 50 percent nonferrous metals.

Sec. 15. Unless otherwise specifically provided:

Sec. 15. (a) The word **'rubber'** refers to natural or synthetic rubber or rubber compounds and does not apply on articles made of plastic.

Sec. 15. (b) The word **'foam'** used in conjunction with **'rubber'** or the words **'foam rubber'** refers to cellular rubber produced by the introduction of gas or air into latex and vulcanizing and does not apply on articles made of foam or expanded plastic.

Sec. 15. (c) The word **'sponge'** used in conjunction with **'rubber'** or the words **'sponge rubber'** refers to cellular rubber produced by the introduction of gas or air into nonliquid rubber and vulcanizing and does not apply on articles made of expanded plastic.

Sec. 15. (d) The word **'plastic'** or **'plastics'** refers to materials consisting of, or articles made from, synthetic gums or resins, cellulose derivatives, casein solids, coal tar or petroleum resins or rubber hydrochloride, with or without inert fillers, see Note, and whether or not reinforced or laminated with fibers, glass flakes or with macerated or sheet paper or fabric.

Note—The term **'fillers'** refers to organic or inorganic materials in finely divided or fibrous form (ground, chopped or pulverized) used to produce desired physical, chemical or electrical properties of finished materials or articles. Examples of fillers are:

Alpha cellulose	Earths	Soybean meal
Asbestos	Glass fibers	Synthetic fibers
Carbon black	Mica	Vegetable fibers
Cotton flock	Nut shell flour	Wood flour

Sec. 15. (e) The following phrases refer to the product produced by gelatinizing cellulosic paper with a chemical solution. The phrases do not apply nor refer to materials or articles of plastic and fiber construction:

Chemically hardened fiber	Indurated fiberware
Chemically hardened fiberware	Indurated paper
Chemically hardened paper	Indurated pulpboard
Chemically hardened pulpboard	Vulcanized fiber
Indurated fiber	Vulcanized fiberware

Sec. 16. Not currently used.

Sec. 17. Where in the separate descriptions of articles the words **'fiberboard,' 'pulpboard'** or **'paperboard'** are used, they are interchangeable and whenever any is used all are included.

Sec. 18. Unless otherwise provided, the word **'interlaced'** means that three or more of the same size article must be packed in such a manner as to reduce the package cubage (outside dimensions) at least $33\frac{1}{3}$ percent from the package cubage (outside dimensions) required for the same number of articles not interlaced.

Sec. 19. Explanation of **'blister packed,' 'skin packed'** and **'card mounted'**:

Sec. 19. (a) 'Blister Packed' means that the article is contained in a preformed, thermoformed plastic receptacle (blister) which is affixed to a fiberboard or paperboard card backing. The 'blister' may or may not be shaped to the contours of the article.

Sec. 19. (b) 'Skin Packed' means that the article is placed on a fiberboard or paperboard card and is covered by a thin, thermoformed plastic sheet, which is pulled tightly around the article, essentially conforming to the shape of the article and firmly securing the article to the card.

Sec. 19. (c) 'Card Mounted' means that the article is attached to a fiberboard or paperboard card backing by means of staples, tape, wire ties or other mechanical fastening methods.

Sec. 20. The terms **'Not taken'** or **'Not accepted'** mean that the described article or articles will not be accepted for shipment nor as premiums accompanying other articles.

Sec. 21. Unless otherwise provided, the term **'United Inches'** is defined as the sum of the length, width and height (depth) of the article as packaged for shipment.

Sec. 22. Unless otherwise provided, the provisions for **'Scrap'** will only apply on fragments, scraps or pieces of material that are useless for any purpose other than remelting or the reclamation of raw materials. Such provisions will not apply on articles shipped in their original form, including used articles or defective articles being returned to the manufacturer for credit.

Sec. 23. Unless otherwise provided, the term **'Greatest Dimension'** refers to the longest straight-line dimension of the handling unit as tendered for shipment.

ITEM 360-A

BILLS OF LADING, FREIGHT BILLS AND STATEMENTS OF CHARGES

See pages 12-13 of this Supplement.

RULES

ITEM 680-A

PACKING OR PACKAGING—GENERAL

General

Sec. 1. (a) The separate descriptions of articles provide the minimum, acceptable packaging requirements, see Note 1. Numbered packages or other packaging provisions (other than 'DOT Specification Number' packages, for which, see DOT's hazardous materials regulations) are authorized for use only when item descriptions contain reference thereto. The definitions of or specifications for packaging requirements are provided in: (1) Items 200 through 299, (2) numbered packages and (3) Note references. The minimum requirements notwithstanding, articles must be tendered for shipment in such a manner as to withstand the normal rigors of the less-than-truckload environment. Whether or not part of the specific requirements, protective packing forms or other packaging materials must be used where necessary to afford adequate protection against damage to the articles being shipped. Articles or articles and necessary interior packing forms must reasonably occupy the full cubic capacity of the outer shipping container, see Notes 2(a), 3 and 4. ☐ Articles unitized or secured on lift truck skids, pallets or platforms must reasonably occupy the full surface area of the lift truck skid, pallet or platform, see Note 2(b) ☐ and (c).

Note 1—The term 'packaging requirements' as used in this Classification or in tariffs governed thereby means the provisions which specify: (1) the kinds or specifications of the containers, packages or other manner in which the articles shall be packed or protected for shipment, and (2) how the articles shall be packed or protected by or within such containers, packages or other manner.

Note 2—

(a) ▲Reasonable Occupancy of Shipping Container. Unless otherwise provided, commodities in shipping containers (not containers within containers) shall be deemed to be in compliance when filled to not less than 65 percent of the capacity of such containers. When filled to less than 65 percent of capacity, the gross weight of the container and its contents will be subject to the class applicable to either the container or its contents, whichever is higher.

(b) ▲Reasonable Occupancy of Lift Truck Skid, Pallet or Platform Deck. Unless otherwise provided, ☐ and except as permitted in paragraph (c), commodities unitized or secured on lift truck skids, pallets or platforms shall be deemed to be in compliance when occupying not less than 65 percent of the full surface area (deck) of the lift truck skid, pallet or platform. ☐ The surface area occupied shall be determined by multiplying the greatest straight-line dimensions of length and width of the commodity(ies). **▲Banding, strapping, wrapping or other materials used for securement to the lift truck skid, pallet or platform will not be considered in the determination of occupancy.** When less than 65 percent of the surface area of the lift truck skid, pallet or platform is occupied, the gross weight of the lift truck skid, pallet or platform and the commodity(ies) unitized or secured thereon will be subject to the class applicable to either the lift truck skid, pallet or platform or the commodity(ies), whichever is higher.

Any part of the commodity(ies) shipped that may overhang the lift truck skid, pallet or platform will not be used in determining occupancy of the surface area, but will be used in the computation of density. (See Item 110, Sec. 8-8(d).)

☐ **(c) Maximum Allowable Dimensions of Lift Truck Skids, Pallets or Platforms for 'Potentially Unstable Commodities.'** For the purpose of this rule, commodities having an overall height 1.5 times or more their shortest base dimension shall be considered potentially unstable. For such commodities, the lift truck skid, pallet or platform may be of sufficient size to provide adequate stability. The maximum allowable dimensions of the lift truck skid, pallet or platform are determined using the following formulas.

The **Maximum Allowable Length** is the larger result of the following calculations:

$$\text{Maximum Allowable Length (in)} = \text{Commodity's(ies') Height (in)} \times 0.67$$

OR

$$\text{Maximum Allowable Length (in)} = \text{Commodity's(ies') Length (in)} + 12 \text{ (in)}$$

The **Maximum Allowable Width** is the larger result of the following calculations:

$$\text{Maximum Allowable Width (in)} = \text{Commodity's(ies') Height (in)} \times 0.67$$

OR

$$\text{Maximum Allowable Width (in)} = \text{Commodity's(ies') Width (in)} + 12 \text{ (in)}$$

If the lift truck skid, pallet or platform exceeds the maximum allowable length or width, as calculated above, the gross weight of the handling unit will be subject to the class applicable to either the lift truck skid, pallet or platform or the commodity(ies) being shipped, whichever is higher.

Note 3—Unless otherwise provided, reels, spools or flanged cores used as shipping containers which are not filled to equal or exceed their weight with a product, will be charged for at the class applicable to the empty spool, reel or flanged core. Reels, spools or flanged cores filled with a product equal to or exceeding the weight of the reel, spool or flanged core will be charged for at the class applicable to the commodity wrapped or wound thereon.

Where the net weight of the product is less than the tare or empty weight of the container, the lower charges applicable to the product may be assessed by declaring, at time of shipment, an increased weight for the shipment equal to two times the tare weight of the reel, spool or flanged core. In such instances, the shipper must declare the following on the bill of lading: (1) the tare or empty weight of each reel, spool or flanged core; (2) the actual gross weight of each shipping container with product as tendered for shipment; and (3) the resultant declared gross weight.

Note 4—Unless otherwise provided and unless subject to classes based on density, liquid, powdered or granular commodities or materials packaged in rigid or semirigid primary containers in an authorized outer shipping container must occupy at least 65 percent of the primary container's cubic capacity. When filled to less than 65 percent of the primary container's cubic capacity, the gross weight of the commodity as packaged for shipment will be subject to the class applicable to either the primary container or its contents, whichever is higher. Does not apply when primary inner containers are in intermediate inner containers and then placed in an outer shipping container.

Sec. 1. (b) Unless otherwise provided for in the separate descriptions of articles, where classes are provided for 'loose' or 'in bulk,' such classes will also apply on the same articles when in packages; or if no packing or form of acceptance is mentioned, the classes will also apply on the same articles when loose or in packages. ☐ See also Secs. 5(a) and (b).

(Continued on following page)

RULES

ITEM 680-A-Continued

Carrier's Option to Accept or Refuse

Sec. 2. Except as provided in Item 423, whether or not the authorized minimum packing requirements are observed, outer (shipping) containers or packages, inner containers, interior protection devices, method of packing within containers or packages, or other form of shipment authorized must be made of materials of such strength or be of such nature as to afford a reasonable and proper protection of lading and to protect against damage to other freight or equipment, and carriers may for good reason refuse to accept freight the transportation of which, in their judgment, would not be reasonably safe and practicable and so notify the shipper.

Liquids, or Commodities that will Expand, Liquefy or Vaporize

Sec. 3. Liquids, or commodities that will expand, liquefy or vaporize under any conditions during transportation must be secured in containers that will prevent leakage from such containers.

Recoopering

Sec. 4. Provided that the shipper is notified beforehand, the carrier shall have the right to perform necessary recoopering at owner's or shipper's expense except when necessitated by carrier's negligence.

▲Definitions of the ▲Terms 'In Packages' ▲and 'Loose'

Sec. 5. ▲(a) When the term 'in packages' is provided in connection with the separate descriptions of articles, such articles will be accepted for transportation in any container or in any other form tendered to carrier which will permit handling into or out of vehicles as units, provided such containers or tendered forms will render the transportation of freight reasonably safe and practicable so that it will withstand the normal rigors of the less-than-truckload environment. The term 'in packages' includes articles securely fastened to lift truck skids, pallets or platforms, or unitized quantities, but does not include articles 'in bulk,' 'loose,' 'on skids' or articles racked or braced in vehicles.

Sec. 5. (b) The term 'loose' is defined as freight that is not packaged, not unitized, not on skids and not securely fastened to lift truck skids, pallets or platforms. When the term 'loose' is provided in connection with the separate descriptions of articles or where no packing or form of acceptance is specified, articles may be tendered loose for transportation only when the transportation of the articles is reasonably safe and practicable so that it will withstand the normal rigors of the less-than-truckload environment. Where necessary to afford adequate protection against damage, articles must be packaged or otherwise protected by packing forms or other packaging materials.

Inner Containers versus Outer Containers

Sec. 6. (a) The containers or packages provided in individual items are outside shipping containers, and the rates or classes shown in connection therewith apply whether the contents are in bulk, loose or in inner containers; except in those instances where items specifically provide classes when 'in inner containers' in specified containers, and except where items provide classes when 'in bulk' in specified containers.

Sec. 6. (b) Except as otherwise provided, when classes or rates are provided for articles in boxes, in glass in boxes, in containers in boxes, or in inner containers in boxes, such rates or classes will not apply on articles in glass carboys in boxes.

Sec. 6. (c) Except as otherwise provided, rates or classes shown for articles in glass inner containers also will apply on the same articles in earthenware or molded plastic inner containers.

Sec. 6. (d) Where in individual items, classes or ratings are provided for articles in metal inner containers, such classes or ratings apply only on articles in inner containers constructed of metal and having rigid, self-supporting sides.

Articles Secured to Skids or to Lift Truck Skids, Pallets or Platforms, or Bundled Together

Sec. 7. (a) Articles in packages or shipping forms, as authorized in individual item descriptions, will be accepted when secured on skids meeting the requirements of Item 270. When articles are authorized to move 'on skids' within individual item descriptions, skids must meet the requirements of Item 270.

Sec. 7. (b)

(1) Except as required in Paragraph (2), articles in packages or shipping forms, as authorized in individual item descriptions, will be accepted when unitized or secured on lift truck skids, pallets or platforms meeting the requirements of Item 265. Unless otherwise provided, when in the specifications of numbered packages or in individual item descriptions articles are required to move on lift truck skids, pallets or platforms, such skids, pallets or platforms must meet the requirements of Item 265. Except where required by the applicable provisions, it is recommended that articles unitized or secured on lift truck skids, pallets or platforms not overhang the skid, pallet or platform deck.

(2) Articles in bags complying with the construction requirements for such containers, as authorized in individual item descriptions, will be accepted when unitized on lift truck skids, pallets or platforms meeting the requirements of Item 265, provided the bottom tiers of bags are placed within a fiberboard tray, with or without a separate fiberboard sleeve, on the lift truck skid, pallet or platform deck. 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. Bags, tray and, where present, sleeve must not overhang the deck, and the entire handling unit must be secured together with plastic film and with strapping in opposing directions, at least two straps in each direction. Fiberboard protectors or a barrier sheet of fiberboard, heavy-duty Kraft paper or similar material must be used to prevent direct contact between straps and bags. See Note 5.

Note 5—These requirements do not apply on articles in flexible intermediate bulk containers (FIBCs), including bulk bags.

Sec. 7. (c) Articles in fiberboard boxes complying with the construction requirements for such containers, as authorized in individual item descriptions, will be accepted when unitized into bundles with stretch or heat-shrinkable plastic film, or the strapping materials named in Item 680, Secs. 9 (a) or (b). Materials used to bundle containers must be of sufficient number and strength to maintain the integrity of the unit during transportation.

Packing—Mixed Shipments

Sec. 8. Unless otherwise provided in the separate description of articles, the package specifications, conditions and all other requirements governing articles in straight shipments apply on the same articles when in mixed shipments.

(Continued on following page)

RULES

ITEM 680-A-Continued

Strapping or Taping of Articles or Packages

Sec. 9. (a) Unless otherwise provided, where the use of metal straps, rope or wire is specifically authorized or required, or where an article must be 'strapped,' filament-reinforced pressure-sensitive or gummed tape complying with the following specifications may be used:

Pressure-sensitive tape not less than $\frac{3}{4}$ inch in width reinforced with continuous longitudinal woven or unwoven filaments imbedded in an adhesive, or gummed tape not less than $\frac{3}{4}$ inch in width reinforced with continuous longitudinal unwoven filaments imbedded in an adhesive. Tape must have longitudinal tensile strength of:

(1) Not less than 160 pounds per inch of width and not less than 12 percent stretch at break.

OR

(2) Not less than 240 pounds per inch of width and not less than three percent stretch at break. Such tape must be used as a complete band with a four-inch overlap of the tape on itself.

Sec. 9. (b) Unless otherwise provided, where the use of metal straps, rope or wire is specifically authorized or required, or where articles must be 'strapped,' strapping made of the following materials and meeting the following requirements may be used:

(1) Synthetic fiber strapping, consisting of cords or yarns held in parallel position by adhesive or by being bonded to paper. Strapping must have a longitudinal strength of not less than 200 pounds per $\frac{1}{4}$ inch of width with not less than 12 percent and not more than 20 percent stretch at break-point.

(2) Extruded oriented nylon, polyester or polypropylene strapping must have a tensile strength of not less than 200 pounds per $\frac{1}{4}$ inch of width, with not less than seven percent and not more than 20 percent stretch at break-point.

Definition of 'Wrapped'

Sec. 10. (a) When in the separate description of articles the word 'wrapped' is referred to as a form of exterior packaging, such articles must be enclosed or enfolded within packaging material which completely covers the article. Such wrappers must be securely fastened. This method of packaging must render the transportation of freight reasonably safe and practicable so that it will withstand the normal rigors of the less-than-truckload environment.

Sec. 10. (b) Except as provided elsewhere in this Classification, when plastic film wrap is used, the film strength should afford sufficient protection to the freight. The plastic film must be wrapped so as to adequately secure the freight together and to the lift truck skid, pallet or platform, when present.

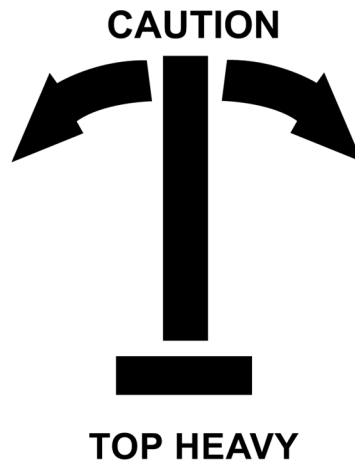
In order to test the sufficiency of plastic film wrap, performance tests may be conducted. To simulate fork truck handling, test according to ASTM D880, Test Method for Impact Testing for Shipping Containers and Systems; D4003, Methods of Programmable Horizontal Impact Test for Shipping Containers and Systems; D6055, Test Methods for Mechanical Handling of Unitized Loads and Large Shipping Cases and Crates; or D6179, Test Methods for Rough Handling of Unitized Loads and Large Shipping Cases and Crates. For guidance on the intensities and durations for these procedures, refer to Section 10.3.2 of Schedule A – Handling – Manual and Mechanical of ASTM D4169, Standard Practice for Performance Testing of Shipping Containers and Systems. To test for resistance to impact of the plastic wrap on shipping packages, use ASTM D6344, Standard Test Method for Concentrated Impacts to Transport Packages.

Substitution of Fiberboard Boxes for Packages, Bales, Bundles or Wrapped

Sec. 11. When in the separate description of articles the terms 'in packages,' 'in bales,' 'in bundles,' or 'wrapped' are referred to as a form of exterior packaging, such articles may be enclosed in corrugated fiberboard boxes. When the corrugated boxes used do not meet the requirements of Item 222, they must not bear a box manufacturer's certificate as provided for in Item 222-1.

Top-Heavy Articles

Sec. 12. Articles as tendered for shipment weighing 200 pounds or greater and greater than 48 inches in height which exhibit a high center of gravity in their normal orientation of loading for in-transit movement must be placarded on two opposite sides conspicuously displaying the following symbol as a precautionary warning:



Top-heavy articles are those having a center of gravity higher than $\frac{1}{2}$ their standing height and having a height of two times or greater of the shorter base dimensions, as packaged.

Environmental or Event Monitors, Indicators or Recorders

Sec. 13. (a) Environmental or event monitors, indicators or recorders are devices that can be placed on or within a package, handling unit or vehicle to monitor the shipping and storage environment. These devices are intended to detect if an event has occurred or an environmental threshold has been surpassed for many types of shipping conditions such as, but not restricted to, shock/impact, vibration, tilting, temperature, humidity, atmospheric pressure or exposure to light.

Sec. 13. (b) The reliability of environmental or event monitors, indicators or recorders is not always certain. Consequently, these devices might not constitute sufficient evidence of mishandling of the freight.

(Continued on following page)

RULES**ITEM 680-A-Continued****Articles or Containers with Wheels or Casters**

Sec. 14. Articles that are tendered for shipment with wheels or casters attached, or in containers with wheels or casters attached, must be equipped with locking or retracting devices or be packaged in such a manner as to prevent movement during transportation. When tendered on lift truck skids, pallets or platforms, articles or containers with wheels or casters attached must be secured to prevent any shifting during transportation and to prevent wheels or casters from falling through the lift truck skid, pallet or platform deck.

Where Damage to the Shipping Package Will Result in a Claim

Sec. 15. Unless otherwise provided in individual descriptions of articles, when damage to the shipping package, including cosmetic damage, will result in a claim for loss or damage, such package(s) must be overpacked or otherwise protected by packaging materials sufficient to prevent damage to the package(s). See also Item 222-1, Note 6.

DOCUMENTS AND GOVERNING RULES FOR TENDERING SHIPMENTS

ITEM 360-A

BILLS OF LADING, FREIGHT BILLS AND STATEMENTS OF CHARGES

Sec. 1. Issuance and Requirements.

Sec. 1 (a). Carrier rates subject to the provisions of this Classification are conditioned upon the use of the appropriate bill of lading required by this rule, whether in printed or electronic form. Articles which are precluded by law from being loaded or transported in the same vehicle must be tendered on separate bills of lading.

Sec. 1 (b). When property is transported subject to the provisions of this Classification, either domestic or export, the acceptance and use of the Uniform Straight Bill of Lading or the Straight Bill of Lading—Short Form is required. See Item 362.

Sec. 1 (c). The Uniform Straight or Straight Bills of Lading are to be used for any shipment not consigned to the order of any corporation, firm, institution or person.

Sec. 1 (d). Not currently used.

Sec. 1 (e). Except as otherwise provided, carriers shall not furnish:

(1) More than one original freight bill and one duplicate thereof.

(2) More than one original and one copy of its statement of transportation charges.

Sec. 1 (f). Except on shipments moving on United States Government bills of lading, if payor of freight or other lawful charges requires or requests any material or information as a prerequisite to payment, such requests will be provided subject to the provisions of applicable carrier tariffs:

Sec. 1 (g). Carriers are not obligated to furnish bills of lading containing information beyond that shown in the examples set forth in the NMFC.

Sec. 1 (h). Consignors may elect to furnish their own bills of lading, provided all requirements of **Sec. 1 (a) through Sec. 1 (c) and Sec. 2** of this Item are observed (see Note 1). (See also, 49 U.S.C. Sections 80110, 80111 and 80113.)

Sec. 1 (i). On bills of lading furnished by carriers, freight bills and statements of charges issued by carriers, the Standard Carrier Alpha Code (SCAC) of the issuing carrier as shown in the Directory of Standard Carrier Alpha Codes, NMF 101 (or as amended), must be shown immediately adjacent to the carrier's name on the document heading. The SCAC designation must be printed in upper-case boldface type.

Sec. 1 (j). When bar coding is used to designate any information required by Sec. 2 of Item 360 on bills of lading or freight bills, the symbology must be in both machine and human readable form. In addition, the standard data formats shall be in accordance with the Motor Carrier Industry Bar Code Implementation Guide, published by the Information Technology & Logistics Council of the American Trucking Associations (ATA).

Note 1—Consignor provided short form bills of lading need not be in any particular format, but must bear the title Shipper Provided Short Form Bill of Lading—Not Negotiable', as long as the information requirements of Sections 1 and 2 of this Item and Item 359 are observed. Bill of lading must be complete when tendered by the shipper to the carrier for signature. Bills of lading not conforming to the provisions found in this Item are subject to NMFC Items 362 and 365.

Sec. 2. Information to be shown on a Bill of Lading.

Sec. 2 (a). The name and address of only one consignor and one consignee and only one destination shall appear on a bill of lading. When a shipment is consigned to a point of which there are two or more of the same name in the same state, the name of the county must be shown.

Sec. 2 (b). Not currently used.

Sec. 2 (c). To insure the assessment of correct freight charges and avoid infractions of federal and state laws, shippers should acquaint themselves with the descriptions of articles in the tariff under which they ship. Commodity word descriptions must be used in bills of lading and shipping papers and must conform to those in the applicable tariff. Appropriate abbreviated descriptions are permitted provided the NMFC item number and appropriate Sub number thereof are shown. The kind of package used must be shown. Bills of lading and shipping papers must specify number of articles, packages, or pieces, and the applicable NMFC class. Except as provided in Item 640, Sec. 3 (mixed packages), for each separate commodity description, the number and type of packages (bags, boxes, bundles, drums, etc.) and the gross weight must be shown. (See 49 U.S.C. Section 80113.)

Sec. 2 (d). Articles which are subject to the DOT's hazardous materials regulations must be described on bills of lading and shipping papers as shown in those regulations. Abbreviations must not be used. When the DOT hazardous materials regulations description differs from the tariff description in connection with which the applicable class or rate is published, the tariff description must also be shown on bills of lading and shipping papers.

Sec. 2 (e). Unless otherwise provided in carriers' tariffs, shipments requiring special or additional care or attention of any kind (see Note 2) must be so indicated by the shipper on the bill of lading and shipping papers at time of shipment by marking the column labeled "Food Products or Other Materials or Freight requiring additional care or attention (Note 3)." Products requiring special care and attention of any kind should be tendered on separate handling units from other freight in the shipment.

(1) Instructions regarding the care and attention needed for the freight must also be shown in the description area of the bills of lading, on shipping papers and on the handling unit containing such freight.

(2) Shipments requiring protective temperature control may be accepted subject to the availability of suitable equipment when the bills of lading, shipping papers and handling units are clearly and legibly marked in upper-case letters in accordance with the following:

a. Where shipments are subject to damage from freezing, marking must clearly instruct carrier to protect from freezing.

b. Where shipments require maintenance at or below a specific temperature, or movement within a range of temperatures, marking must indicate the temperature or temperature range required. See Item 682.

Note 2—Commodities requiring special or additional care or attention in handling or stowing must have handling units so marked and packaged as to ensure safe transportation with ordinary care. These articles include, but are not limited to: fragile articles; articles that must remain upright; top-heavy articles; articles that require more than normal protection from moisture; articles that must be protected from heat; articles that must be protected from freezing; articles that must be kept within a certain temperature range; articles that must be protected from odor-emitting freight, debris or infestation; articles that must be handled with a hand truck; articles that must not be handled with a hand truck; articles that must be handled with a forklift; articles that must not be handled with a forklift; articles that may be stacked to not exceed a certain height; articles that must not be stacked.

Sec. 2 (f). When shipments consist of packages subject to the same released value provisions and some packages are released as to value and other packages are not released as to value or are released to a different value, the packages and bills of lading must be marked or coded at time of shipment to identify which packages are released and the released value which applies to each package. In lieu of showing the specified information on the bill of lading, the carrier may be furnished a manifest at time of shipment which clearly identifies the packages which are released and the released value of each.

(Continued on following page)

DOCUMENTS AND GOVERNING RULES FOR TENDERING SHIPMENTS

ITEM 360-A-Continued**▲Sec. 3. Inspection of Property.**

▲Sec. 3 (a). When carrier or its agent believes it is necessary to verify the stated description of a shipment as tendered, the carrier or its agent will make or cause such inspection to be made, or require other sufficient evidence to determine the actual character of the property being shipped. If the stated description is found to be inaccurate, the carrier or agent shall correct the description accordingly. Freight charges must be assessed according to proper description, unless otherwise provided. (See 49 U.S.C. Section 80113.)

▲Sec. 3 (b). Notwithstanding the provisions of Sec. 3 (a), when a shipment is delivered absent of visible or open evidence of damage or loss, carrier personnel or its agent shall not be required to unpack or inspect the contents of a shipment and the driver's departure cannot be delayed pending an inspection of the contents by the consignee, unless authorized by prior mutual written agreement with the carrier or its agent.

Sec. 4. Verification of Shipment Weight. When carrier or its agent believes it is necessary to verify the stated weight of a shipment as tendered, the carrier or agent shall weigh the shipment or cause the shipment to be weighed. If the stated weight is found to be inaccurate, the carrier or agent shall correct the weight accordingly. Freight charges must be assessed on the actual gross weight of the shipment, unless otherwise provided. (See Items 595 and 995.) (See also, 49 U.S.C. Section 80113.)

Sec. 5. Insurance Against Marine Risk. The cost of insurance against marine risk will not be assumed by the carrier unless so provided specifically, in its tariffs.

ITEM	ARTICLE	CLASS
△15520-B	ATHLETIC GOODS GROUP: subject to item 15500 Athletic or Sporting Goods, viz.: Athletic or Sporting Goods, NOI; Basketball Nets; Blinds, hunters', with or without accessories and camouflage materials; Boards, water sports, NOI, see Notes, items 15523 and 15524; Boxes, Buckets, Cages, Canteens, Containers or Pails, live bait; Decoys, bird, NOI; Exercising or Gymnasium Apparatus or Equipment, NOI; Fishing Tackle, plastic or rubber, NOI; Floats, Rafts or Toys, water sports, NOI, see Note, item 15524; Golf Mats or Platforms, NOI, with or without tees; Playground Apparatus, NOI, see Note, item 15525; Sandboxes or Wading Pools, molded plastic; Snowboards or Snowboard Bindings; Swimming Fins, Goggles, Masks, Nose Clips or Snorkels; Weight Lifting Benches or Athletic Utility Benches, NOI; In boxes or crates, see Note, item 15522, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1	400
Sub 2	1 but less than 2	300
Sub 3	2 but less than 4	250
Sub 4	4 but less than 6	175
Sub 5	6 but less than 8	125
Sub 6	8 but less than 10	100
Sub 7	10 but less than 12	92.5
Sub 8	12 but less than 15	85
Sub 9	15 but less than 22.5	70
Sub 10	22.5 but less than 30	65
Sub 11	30 or greater	60
15522-B	NOTE—The following departures from packing requirements are permitted: 1. Playground apparatus may be shipped in packages. 2. Molded plastic sandboxes or wading pools may be shipped in woven plastic film bags of not less than 4 mil thickness. 3. Motorized exercise treadmills may be shipped in Package 2484. 4. <input type="checkbox"/> Not currently used. 5. Trampolines, KD, may be shipped in packages.	
△15523-B	NOTE—Applies on products such as Bodyboards, Kickboards, Kneeboards, Paddleboards, Sailboards , with or without sails, or Surfboards .	
△15524-B	NOTE—Applies on articles used by children or adults for play, instruction or safety.	
△15525-B	NOTE—Does not apply on inflatable or air-supported enclosures, structures or promotional or advertising figures or images, nor on amusements, such as games, bouncers, rides or slides for use at outdoor picnics, birthday parties, fund-raising or promotional events or other such festivities. For applicable provisions, see item 63595.	
◆♦28160-A	BOOT GROUP: subject to item 28120 Boots, NOI; Footwear, NOI, other than hosiery; Shoes, NOI; or Slippers; in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 6	200
Sub 2	6 or greater	125
39230-A	CABINETS, OR PARTS NAMED: subject to item 39200 ▲Cabinets, bathroom medicine or toilet, other than plastic, see Note, item 39232, with or without integral lighting fixtures, in <input type="checkbox"/> boxes or Packages 1F, 3F or 5F.....	◆175
△39232-A	NOTE—Applies only on cabinets designed to be hung from or recessed in upper walls.	
△42604-A	CHEMICALS GROUP: subject to item 42600 NOTE— 1. Materials regulated by the U.S. Department of Transportation that are required to bear any of the Hazard Class 6 or Hazard Division 6.1 labels listed below are subject to the provisions of item 45615, regardless of the DOT-designated Hazard Class or Hazard Division. (a) 'INHALATION HAZARD' (b) 'POISON' (c) 'TOXIC' (d) 'PG III' 2. Materials classed in the U.S. Department of Transportation regulations as a gas that is poisonous by inhalation or that is required to bear a 2.3 'INHALATION HAZARD' label under such regulations are not subject to the provisions of this grouping. Such materials are subject to the provisions of item 85900. Ammonium: subject to item 42930 ⊗Nitrate, etc. ◆<input type="checkbox"/>...Cancel; see item 45467. ⊗Perchlorate, offered for transportation as a Hazard Class 5, Division 5.1, etc. ◆ <input type="checkbox"/> ...Cancel; see item 45467. NOTE—▲...Cancel; see item 45468. NOTE—▲...Cancel; no further application. ⊗Persulfate, etc. ◆<input type="checkbox"/>...Cancel; see item 45467. ⊗Sulfate Nitrate (Leunsaltpetter), etc. ◆<input type="checkbox"/>...Cancel; see item 45467. ⊗Benzoyl Peroxide, etc. ◆<input type="checkbox"/>...Cancel; see item 45463.	
43020-A		
43050-A		
43051-A		
43052-A		
43055-A		
43100-A		
43480-A		

ITEM	ARTICLE	CLASS
	CHEMICALS GROUP: subject to item 42600	
	Calcium: subject to item 43620	
43790-A	☼Nitrate, etc. ◆☐...Cancel; see item 45467.	
44580-A	☼Guanidine Nitrate, etc. ◆☐...Cancel; see item 45467.	
44640-A	☼Hydrogen Dioxide or Hydrogen Peroxide, etc. ☼◆☐...Cancel; see item 45467.	
◆☐★45463	☼Organic Peroxides, NOI, other than toxic, see Notes, items 42604 and 45464, in U.S. DOT-authorized packaging	200
★45464	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.2, Organic Peroxide, as defined in 49 CFR §173.128 and required to bear a notice to that effect on bills of lading and packaging.	
◆☐★45467	☼Oxidizers, NOI, other than toxic, see Notes, items 42604 and 45468, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I	125
Sub 2	In Packing Group II	100
Sub 3	In Packing Group III	85
★45468	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Oxidizer, as defined in 49 CFR §173.127 and required to bear a notice to that effect on bills of lading and packaging.	
	Potassium (Potash): subject to item 45640	
45740-A	☼Chlorate, etc. ◆☐...Cancel; see item 45467.	
45820-A	☼Nitrate (Saltpetre), etc. ◆☐...Cancel; see item 45467.	
45830-A	☼Perchlorate, etc. ◆☐...Cancel; see item 45467.	
45840-A	☼Permanganate, etc. ◆☐...Cancel; see item 45467.	
45845-A	☼Persulfate, etc. ◆☐...Cancel; see item 45467.	
	Sodium (Soda): subject to item 46080	
46250-A	☼Chlorate, etc. ◆☐...Cancel; see item 45467.	
46410-A	☼Nitrate (Chili Saltpetre), etc. ◆☐...Cancel; see item 45467.	
46490-A	☼Permanganate, etc. ◆☐...Cancel; see item 45467.	
46500-A	☼Peroxide, etc. ◆☐...Cancel; see item 45467.	
46740-A	☼Strontium Nitrate, etc. ◆☐...Cancel; see item 45467.	
◆☐★50170-A	Compounds , floor sweeping or spill absorption, other than disinfectant, see Note, item 50171, in bags, boxes or drums, 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 or greater	65
★50171	NOTE—Applies on compounds that trap or absorb dry or liquid waste from hard surfaces or bodies of water. Does not apply on chemical or oil absorption booms, pads, sweeps or other forms or shapes, as named in item 149265.	
50270-A	Compounds , oil absorption, etc. ☼...Cancel; see item 50170.	
50272-A	NOTE—▲...Cancel; no further application.	
	DENTAL, HOSPITAL OR MEDICAL SUPPLY GROUP: subject to item 56400	
56910-A	▲☼Sets, oxygen administration, consisting of oxygen in steel cylinders not over 240 cubic inches capacity, plastic tubing and plastic administering mask, with or without regulators, ▲see Note, item 56911, in boxes.....	70
★56911	NOTE—Does not apply on recreational oxygen in handheld canisters or containers.	
◆☐★56950-A	Swabs, Swab Sticks or Swab-type Applicators , consisting of paper, plastic or wood sticks with cotton or synthetic fiber tips, single- or double-tipped, not saturated nor medicated, in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 8	175
Sub 2	8 or greater	100
	ELECTRICAL EQUIPMENT GROUP: subject to item 60500	
61900-A	Fans , exhaust or ventilating, with or without heating elements or lighting fixtures, etc. ◆...Cancel; see item 61910.	
61902-A	NOTE—▲...Cancel; no further application.	
61904-A	NOTE—▲...Cancel; no further application.	
◆☐★61910	Fans , NOI, including Exhaust or Ventilating Fans , see Note, item 61911, in boxes, crates or Packages 2044, 2046 or 2237, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 6	200
Sub 2	6 or greater	110
★61911	NOTE—Exhaust or ventilating fans may be equipped with heating elements or lighting fixtures.	
61920-A	Fans , NOI, etc. ☼◆☐...Cancel; see item 61910.	
61922-A	NOTE—☐...Cancel; no further application.	
61924-A	NOTE—▲...Cancel; no further application.	
	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, 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. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
★67052	NOTE—Does not apply on edible pet treats in various forms or shapes. For applicable provisions, see item 27765.	

ITEM	ARTICLE	CLASS
67060-A	FEED GROUP: subject to item 66700	
67061-A	Feed , animal, fish or poultry, prepared, NOI, not frozen, etc. ♦♦...Cancel; see item 67050.	
67070-A	NOTE—...Cancel; no further application.	
67072-A	♦Feed Supplements; or Condimental or Medicinal Feeding Compounds or Preparations; animal, fish or poultry, not frozen; released to a value not exceeding 50 cents per pound, etc. ♦...Cancel; see item 67050 and provisions otherwise applicable.	
67075-A	NOTE—▲...Cancel; no further application.	
	♦Feed Supplements; or Condimental or Medicinal Feeding Compounds or Preparations; animal, fish or poultry, not frozen, not released as to value, etc. ♦♦...Cancel; see item 67050 and provisions otherwise applicable.	
♦♦69095-A	FILTERS GROUP: subject to item 69010	
	Filters , liquid or gas, NOI, cartridge type, or tank type with fittings, iron or steel, other than water filters, see Note, item 69097:	
Sub 1	In boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8	175
Sub 3	8 but less than 12	100
Sub 4	12 or greater	70
Sub 5	In packages other than boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 8	200
Sub 7	8 but less than 12	110
Sub 8	12 or greater	77.5
69096-A	NOTE—...Cancel; no further application.	
★69097	NOTE—Does not apply on filter cartridges, elements or media. For applicable provisions, see item 69100.	
82844-A	FURNITURE PARTS GROUP: subject to item 82750	
98110-A	Chair Backs , laminated paperboard or pulpboard not upholstered, nested, etc. ▲...Cancel; obsolete.	
	Hat Blocks , wooden, etc. ▲...Cancel; obsolete.	
100590-A	HOUSEHOLD UTENSILS GROUP: subject to item 100500	
	Cabinets or Racks , spice, wood, containing glass bottles or jars, etc. ♦♦...Cancel; see item 164390.	
106980-A	IRON OR STEEL: subject to item 104000	
107780-A	♦Sponge Iron Briquettes or Pellets, having value only for melting purposes, etc. ▲...Cancel; obsolete.	
	Japan Wax Substitute , consisting of fatty acid esters and petroleum wax, etc. ▲...Cancel; obsolete.	
△115030-A	MACHINERY GROUP: subject to item 114000	
Sub 1	Blowers, rotary, or Centrifugal Fans , see Note, item 115031:	
Sub 2	In boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 3	Less than 8	175
Sub 4	8 but less than 12	100
Sub 5	12 or greater	70
Sub 6	On skids or in packages other than boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 7	Less than 8	200
Sub 8	8 but less than 12	110
115031-A	12 or greater	77.5
	NOTE—Does not apply on fans designed for: (1) expelling from an area, air, dust, gas, odors, smoke or other contaminants, or (2) introducing into an area, air from an outside source. For applicable provisions, see item ▲61910, 'Fans, NOI, including Exhaust or Ventilating Fans.'	
♦123550-A	Ice Making or Refrigerating Machinery or Machines: subject to item 123200	
	Machines , ice making, see Note, item 123551, in boxes, crates or Packages 107 or 1082, see Notes, items 123552 and 123553, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 6	250
Sub 2	6 but less than 10	150
Sub 3	10 or greater	92.5
△123551-A	NOTE—Applies on self-contained ice making machines with or without storage bins or dispensers.	
★123552	NOTE—Articles must be protected by packing forms or other packaging materials necessary to afford adequate protection against damage.	
★123553	NOTE—Articles tendered for shipment on lift truck skids, pallets or platforms must be securely fastened to and must not overhang the edges of the lift truck skid, pallet or platform deck.	
♦♦126157-A	Operators or Openers , garage door, with or without controls or hardware, in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 8	150
Sub 2	8 but less than 12	100
Sub 3	12 or greater	70

ITEM	ARTICLE	CLASS
152800-A 153900-A	PAPER ARTICLES GROUP: subject to item 152000 Cups, baking, candy or charlotte russe, paper, etc. ♦♦...Cancel; see item 153900. Paper Goods or Articles, viz.: ♦♦Cups, Liners or Molds, baking, or Cups, candy; Doilies; Facial Tissues (Handkerchiefs); Gift Wrap Sets, see Note, item 153902; Napkins; Neck Strips; Paper Goods or Articles, NOI; Placemats; Tablecloths; In boxes, see Note, item 153901, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1	400
Sub 2	1 but less than 2	300
Sub 3	2 but less than 4	250
Sub 4	4 but less than 6	175
Sub 5	6 but less than 8	125
Sub 6	8 but less than 10	100
Sub 7	10 but less than 12	92.5
Sub 8	12 but less than 15	85
Sub 9	15 but less than 22.5	70
Sub 10	22.5 but less than 30	65
Sub 11	30 or greater	60
153901-A	NOTE—The following departures from packing requirements are permitted: 1. Doilies, neck strips, placemats or tablecloths may be shipped in Packages 215, 841, 2177 or 2278. 2. Facial tissues (handkerchiefs) may be shipped in Packages 215, 841, 1252, 2065, 2177 or 2278. 3. Napkins may be shipped in Packages 215, 841, 1252, 2177, 2278 or 2279. ▲4. Baking cups, liners or molds or candy cups may be shipped in Package 841.	
△153902-A	NOTE—Applies on gift wrapping paper or paper-backed foil and one or more of the following in same retail package: boxes, gift cards, seals, tags, ribbon, ribbon bows or rosettes.	
156300-A	PLASTIC MATERIALS, OTHER THAN EXPANDED, GROUP: subject to item 156100 Sheet or Plate, NOI, self-supporting (rigid), other than with formed interior cells, cavities or flutes, see Note, item 156302, other than in rolls or coils, in boxes, crates or Packages 248, 1029, 2187, 2207, 2310 or □2542:	
Sub 1	In authorized packages on A-frame shipping racks, see Note, item 156303	300
Sub 2	In authorized packages not on A-frame shipping racks; or on lift truck pallets or skids; see Note, item 156304:	
Sub 3	Exceeding 220 united inches	85
Sub 4	220 united inches or less, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 5	Less than 30	70
Sub 6	30 or greater	60
△156302-A	NOTE—Applies whether or not corrugated, crimped, channeled or ribbed, but not otherwise curved, bent or formed. Does not apply on sheet or plate with formed interior cells, cavities or flutes.	
△156303-A	NOTE—A-frame shipping racks are designed to transport the product as a unit in a diagonal position.	
△156304-A	NOTE—The term 'united inches' means the sum of the two greatest dimensions of the shipping package.	
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ITEM	ARTICLE	CLASS
156600-A	PLASTIC OR RUBBER ARTICLES, OTHER THAN EXPANDED, GROUP: subject to item 156500 Articles, viz.: Articles, NOI; Boot or Shoe Forms or Trees, other than display forms or trees; Caps, Covers, Discs, Ends, Bands, Rings or Tops, NOI, for bottles, cans, cups, collapsible tubes, glasses, jars or jugs; Car Seats, child or baby; Columns; or other Forms or Shapes, NOI; architectural; Containers, packaging, NOI; Cups or Tumblers, NOI; Filmstrip or Audio or Video Cassette Storage Albums; Garbage or Refuse Cans; Gloves, see Note, item 156604; Grips, NOI, including Golf Club, Hand Tool or Handlebar Grips; Liners, swimming pool, plastic film or sheeting; ♦♦Mats, bathtub, shower stall, drainboard, sink or stove protector; Molding, other than baseboard or cove; Motion Picture Film Cans, Cores, Magazines, Reels or Film Spools, empty; Pipe or Pipe Fittings; Poultry Watering Systems, see Note, item 156603; Seats, toilet or water closet, hollow molded; Tanks, NOI; Tractor Treads, rubber; Tubing, NOI, other than flexible; In boxes, crates, drums or Packages 870, 1078, 1241, 1273, 1456, 2195, 2212, 2213, 2230 or 2459, see Note, item 156602, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1	400
Sub 2	1 but less than 2	300
Sub 3	2 but less than 4	250
Sub 4	4 but less than 6	175
Sub 5	6 but less than 8	125
Sub 6	8 but less than 10.....	100
Sub 7	10 but less than 12.....	92.5
Sub 8	12 but less than 15.....	85
Sub 9	15 but less than 22.5.....	70
Sub 10	22.5 but less than 30.....	65
Sub 11	30 or greater	60
△156602-A	NOTE—The following departures from packing requirements are permitted: 1. Necks of empty carboys may project from boxes, crates or drums. 2. Plastic shipping containers or plastic bottles may be shipped in packages in quantities of 10,000 pounds or more; or plastic outer shipping containers having a capacity of 15 gallons or more may be shipped loose. Plastic gas cans having a capacity of 15 gallons or less may be shipped in bundles, unitized by heat shrinkable plastic film. Film must be of 2.5 mil minimum thickness, and must completely enclose entire bundle. 3. Plastic bottle carrying boxes or crates may be loose or in packages. 4. Extruded shapes in lengths of 10 feet or greater, having a density of 15 pounds or greater per cubic foot, may be in packages. 5. Plastic roof gutters, downspouts and/or fittings for gutters or downspouts may be shipped in Package 2060. 6. Plastic pipe or tubing, or tubes other than containers, in straight lengths may be shipped in packages or bundles with threaded ends protected. Plastic pipe or tubing, or tubes other than containers, greater than 6 inches in inside diameter, in straight lengths of 10 or more feet each may be shipped loose with threaded or belled ends protected. Plastic pipe or tubing, or tubes other than containers, other than in straight lengths, may be shipped in coils tied or wrapped with threaded ends protected or on fiberboard, wood or metal shipping reels. 7. Plastic pipe or tubes, smallest cross-sectional inside dimension greater than 6 inches, may be shipped in packages or in bundles with threaded or belled ends protected. Plastic pipe fittings may be shipped in packages with threaded or belled ends protected, or loose with threaded or belled ends protected when weighing each 15 pounds or over. 8. Plastic chairs may be shipped in Package 31F. 9. Plate or sheet, rolled, having a density of 15 pounds or greater per cubic foot, may be shipped strapped on pallets. 10. Molded plastic trays for shipping tube yarn may be shipped in packages. 11. Not currently used. 12. Flexible plastic fencing or mesh, produced by a stretching and extruding process, may be shipped in bundles or rolls. 13. Plate or sheet with formed interior cells, cavities or flutes may be shipped strapped on pallets or skids. 14. Garbage or refuse cans may be shipped in packages. 15. Not currently used. 16. Plastic tanks, other than outer shipping containers, may be shipped in packages. 17. Grips may be shipped in packages. 18. Swimming pool and pond liners may be shipped in wrapped bundles or rolls. 19. Poultry watering systems may be shipped in packages. 20. Cups or tumblers, without handles, may be shipped in Packages 2471 or 2505.	
△156603-A	NOTE—Applies on poultry watering systems consisting of pipe, plastic drinkers, water filtering, metering or regulating devices and equipment necessary for installation, with or without other components or accessories.	

ITEM	ARTICLE	CLASS
△156604-A	PLASTIC OR RUBBER ARTICLES, OTHER THAN EXPANDED, GROUP: subject to item 156500 NOTE—Does not apply on any commodity which is defined and specified as medical waste in Federal regulations. For applicable class, see item 196160.	
156940-A	Mats , bathtub, shower stall, drainboard, sink or stove protector, etc. ♦♦...Cancel; see item 156600.	
164390-B	RACKS: subject to item 163900 Racks and Related Articles, viz.: Corrals , shopping cart (Cart Corrals), see Note, item 164393; Racks , NOI; ♦♦ Spice Racks , see Note, item 164394; Swimming Pool Cover Racks or Reels; In packages or Package 410, see Note, item 164391, subject to Items 170 and 171 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1	400
Sub 2	1 but less than 2.....	300
Sub 3	2 but less than 4.....	250
Sub 4	4 but less than 6.....	175
Sub 5	6 but less than 8.....	125
Sub 6	8 but less than 10.....	100
Sub 7	10 but less than 12.....	92.5
Sub 8	12 but less than 15.....	85
Sub 9	15 but less than 22.5.....	70
Sub 10	22.5 but less than 30.....	65
Sub 11	30 or greater	60
△164391-B	NOTE—The following departures from packing requirements are permitted: 1. SU cooler racks of galvanized steel construction, other than wheeled, may be shipped loose when weighing each 60 pounds or over. 2. SU racks, NOI, of steel or steel and wood construction, other than wheeled, may be shipped loose when weighing each 150 pounds or over. 3. Sections of KD or KD flat racks, other than wheeled, may be shipped loose when weighing each 40 pounds or over. 4. Cart corrals may be shipped loose.	
△164393-B	NOTE—Applies on containment systems or structures for storing or holding shopping carts in parking lots.	
★164394	NOTE—Spice racks may be shipped with complement of empty bottles or jars in same package.	
♦♦□★184960	TOOLS, OR PARTS NAMED: subject to item 183550 Jacks or Jackscrews , lifting, NOI, hydraulic, mechanical or pneumatic, wheeled or not wheeled, see Note, item 184961, in boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 12.....	110
Sub 2	12 but less than 22.5	70
Sub 3	22.5 or greater.....	65
★184961	NOTE—Does not apply on pallet jacks or pallet lift trucks. For applicable provisions, see item 189240.	
184970-A	Jacks , cantilever, pneumatic or ratchet, or Jackscrews , NOI, not wheeled, etc. ♦♦□...Cancel; see item 184960.	
184975-A	Jacks , hydraulic, other than cantilever, not wheeled, etc. ♦□...Cancel; see item 184960.	
184980-A	Jacks , lifting, hydraulic, automobile servicing, wheeled, etc. ♦...Cancel; see item 184960.	
184982-A	NOTE—▲...Cancel; no further application.	
184985-A	Jacks , trailer tongue lifting, worm gear driven, wheeled, for trailers such as boat or camper, etc. ♦...Cancel; see item 184960.	
184990-A	Jacks or Jackscrews , lifting, NOI, wheeled, etc. ♦♦□...Cancel; see item 184960.	
184991-A	NOTE—▲...Cancel; see item 184961.	

SPECIFICATIONS FOR NUMBERED PACKAGES

Package 2163☐ Cancel; no further application.**Package 2227**☐ Cancel; no further application.**Package 2334**☐ Cancel; no further application.**Package 2370**☐ Cancel; no further application.**Package 2394**☐ Cancel; no further application.**Package 2481**☐ Cancel; no further application.☐ ★ **Package 2542****(1) ARTICLES:** Self-supporting (rigid) fiberglass reinforced plastic (FRP) sheet may be shipped palletized and protected as specified.**(2) PROTECTIVE PACKAGING:**

(a) Articles must be stacked on lift truck skid or pallet meeting all requirements set forth in Item 265 and sized so that articles do not overhang the lift truck skid or pallet deck.

(b) One sheet of oriented strand board (OSB) or ½-inch thick drywall must be placed on the lift truck skid or pallet deck.

(c) One of the following materials must be placed on top and cover the full dimensions of the stack of articles:

(i) ½-inch thick drywall sheet;

(ii) 0.625-inch honeycomb sheet using 33-pound paper facing, with a strength rated between 22 and 30 psi; **OR**

(iii) High density polyethylene (HDPE) foam sheet having a density of 20 pcf.

(d) Nonexpanded plastic L-shaped corner protectors must be screwed into the ends of the lift truck skid or pallet at all four corners.

(e) Edges of articles must be protected by fiberboard measuring not less than 2 x 6 inches and stapled to the lift truck skid or pallet.

(i) Handling units with drywall or foam sheet used as top protection must have edge boards extending the full length and width of the handling unit.

(ii) Handling units with honeycomb sheet used as top protection must have edge boards extending not less than 24 inches from each corner.

(3) STRAPPING REQUIREMENTS: All handling units must be secured together with not less than two embossed plastic straps, measuring 0.75 x 0.040 inch and having a tensile strength of 1,900 pounds, in both the length and width directions.**(4) MARKINGS:** 'Handle with Care,' a label indicating fork extensions must be used, and other precautionary markings, as applicable, must be on at least two sides of the packaged article. (See Item 682.)

PROCEDURES GOVERNING INTERLINE SETTLEMENTS**ITEM 400500-A****COLLECTION OF CHARGES, RESPONSIBILITY AND LIABILITY**

Except as provided in this procedure, the invoicing carrier shall be responsible for the collection of proper charges. ▲The collecting carrier shall not commingle such funds due the interlining carrier(s) with its general funds. The collecting carrier shall not be required to pay interest to the interlining carrier(s) while the funds owing to the interlining carrier(s) are in its possession. The revenues collected shall be apportioned to the interlining carrier(s) as specified in the interline agreement, subject to the collecting carrier being paid by the customer. Upon receiving the revenues, the collecting carrier shall promptly pay the interlining carrier(s) as specified in this agreement which revenues have been received by the collecting carrier and due and owing to the interline carrier(s). Prepaid shipments, points in foreign countries requiring prepayment, or shipments insufficiently prepaid shall be the responsibility of the invoicing carrier, subject to the following exceptions:

- (a) Invoicing carrier shall be responsible for collection of additional charges.
- (b) When freight requiring prepayment is billed collect, or is insufficiently prepaid, it shall be accepted from the connecting carrier. The invoicing carrier shall attempt to collect the amount due, and if unsuccessful, notify the carrier at fault within 10 business days. The uncollectible amount shall then be borne by the carrier at fault.
- (c) Participating carriers who fail to notify the invoicing carrier of the proper charges, including the misapplication of the rate, are not relieved from responsibility for undercharges for which the invoicing carrier may be liable, nor are they relieved for their errors that the invoicing carrier could not reasonably detect.
- (d) The invoicing carrier shall receive all possible assistance from participating carriers in its effort to make collections.
- (e) The invoicing carrier shall offer reasonable assistance in attempting to determine and collect the correct charges and shall make a demand on the consignee for charges that are uncollected due to an error of another carrier. Upon written or electronic evidence of two (2) demands for payment, or a direct refusal of the consignee to pay, or when the consignee executes a certificate of nonbeneficial ownership prior to delivery of the property, which renders them not liable for any additional charges, the carrier in error, without further action on the part of the invoicing carrier, shall pay the invoicing carrier the uncollected charges outstanding in the accounts of the invoicing carrier, provided the invoicing carrier requests payment within one (1) year from the month within which the outstanding charges were placed in the accounts of the invoicing carrier.
- (f) When an amount is placed in the accounts of a carrier as the result of an error in a bill of lading or shipping order that effects the actual charges due from a shipper or consignee, for which neither origin, intermediate or destination carrier is responsible, and such amount is uncollectible, readjustment to the basis existing before such amount was placed in the accounts shall be made.

EXPLANATION OF ABBREVIATIONS AND REFERENCE MARKS

Abbreviation or Reference Mark	Explanation	Abbreviation or Reference Mark	Explanation
ASTM	ASTM International	Sec.	Section
Avdp.	Avoirdupois	sq.	square
B&SG	Brown & Sharpe gauge	sq. ft.	square foot; square feet
BWG	Birmingham wire gauge	sq. in.	square inch(es)
°C	degree Centigrade (Celsius)	STB	Surface Transportation Board
CFR	Code of Federal Regulations	SU	Set Up
cm	centimeter(s)	t/a	trading as
COD	Collect on Delivery	t/d/b/a	trading and doing business as
Cont'd	Continued	™	Trademark
cu	cubic	UN	United Nations
cu. ft.	cubic foot; cubic feet	U.S.	United States
DOT	Department of Transportation	USC	United States Code
d/b/a	doing business as	U.S.S.G.	United States Standard Gauge
etc.	et cetera (and other things, or the rest; and so forth)	viz.	namely
°F	degree Fahrenheit	vol.	volume
g	gram	vs.	versus
gal	gallon(s)	&	and
in.	inch(es)	°	degree
incl.	inclusive	%	percent
ISTA	International Safe Transit Association	§	Section
KD	Knocked Down	☼	Indicates commodity or commodities may be subject to special federal regulations concerning the shipping of hazardous materials. See Item (Rule) 540 herein.
kg	kilogram	↓	Indicates reduction
kPa	Kilopascal	◆	Indicates increase
L	liter	▲	Indicates change in wording which results in neither an increase nor reduction
lbs.	pounds	☐	Indicates change in packaging
m	meter(s)	⚠	Indicates that the item is being brought forward without change
ml	milliliter(s)	★	Indicates new item, package or participating carrier
mm	millimeter(s)	Ⓐ	Addition to Index to Articles
MPa	Megapascal	Ⓑ	Eliminate from Index to Articles
NMFC	National Motor Freight Classification	Ⓒ	Change in Index to Articles
NOI	Not more specifically described herein	Ⓔ	These provisions are subject to the expiration date as shown in Item (Rule) 535.
o/a	operating as	①	The participation of this carrier is CANCELED; provisions of this Classification no longer apply for account of this carrier.
oz.	ounce(s)	Ⓟ	Under postponement
pcf	pounds per cubic foot	®	Registered trade name or registered trademark
psi	pounds per square inch	⊕	Effective November 29, 2018, under authority of 49 CFR §1312.6(b)(3).
qt.	quart	●	Indicates correction of printing error
RSorL	Classed the same or lower		
r.p.m.	revolutions per minute		
SCAC	Standard Carrier Alpha Code — The SCAC (alpha code) listings in this Classification represent only those carriers participating in the NMFC. For a complete listing of all assigned alpha codes, see the Directory of Standard Carrier Alpha Codes, NMF 101.		

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