



# ***National Motor Freight Classification®***

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## **Supplement 1 to NMF 100-AV** *(Supplement 1 contains all changes)*

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**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
⊕★ACDO	Accurate Cargo Delivery Systems Inc, Phoenix, AZ.....	797610	355246
LTPS	▶Longistics, Park Communications LLC d/b/a, Morrisville, NC.....	▶2781861	▶1337144
⊕★NMFL	New Mexico Freight & Logistics LLC, Albuquerque, NM.....	3717084	1306858

**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
⊕★WCHT	Wise Choice Trans Corp, San Francisco, CA .....	2716108

**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.*

ITEM	SUP	ITEM	SUP	ITEM	SUP	ITEM	SUP	ITEM	SUP	ITEM	SUP
183-A	1	45230-A	1	64301-A	1	116035-A	1	154060-A	1	169770-A	1
245-A	1	45320-A	1	64302-A	1	116036-A	1	154180-A	1	170490-A	1
275-A	1	45613-A	1	69083-A	1	116037-A	1	154415-A	1	171390-A	1
540-A	1	45615-A	1	72220-A	1	116038-A	1	154416-A	1	171430-A	1
15260-A	1	45616-A	1	72490-A	1	★116039	1	154418-A	1	172160-A	1
15530-A	1	46030-A	1	72492-A	1	124540-A	1	154570-A	1	172180-A	1
17290-A	1	46031-A	1	72760-A	1	132600-A	1	155126-A	1	174560-A	1
20380-A	1	46032-A	1	72762-A	1	133520-A	1	155250-A	1	174562-A	1
20510-A	1	46045-A	1	73220-A	1	134472-A	1	155252-A	1	174640-A	1
20512-A	1	46090-A	1	73238-A	1	134530-A	1	155255-A	1	175240-A	1
20580-A	1	46330-A	1	★73705	1	134534-A	1	155460-A	1	175430-A	1
★20581	1	46610-A	1	73710-A	1	134536-A	1	156300-A	1	175470-A	1
20620-A	1	47290-A	1	73770-A	1	135910-A	1	156302-A	1	176500-A	1
20621-A	1	47370-A	1	★74190	1	136470-A	1	156303-A	1	★181823	1
22970-A	1	47410-A	1	★74191	1	139020-A	1	156304-A	1	182830-A	1
22971-A	1	48090-A	1	74740-A	1	139160-A	1	★156305	1	183120-A	1
23810-A	1	48270-A	1	74840-A	1	139165-A	1	156600-A	1	183121-A	1
23820-A	1	48310-A	1	76850-A	1	139166-A	1	156602-A	1	183160-A	1
23900-A	1	48340-A	1	76852-A	1	139167-A	1	156603-A	1	183161-A	1
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23940-A	1	48410-A	1	81042-A	1	139420-A	1	156855-A	1	183171-A	1
23980-A	1	49210-A	1	81060-A	1	139421-A	1	157320-A	1	194540-A	1
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33600-A	1	49450-A	1	82271-A	1	139880-A	1	157342-A	1	1059	1
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★34250	1	50315-A	1	83370-A	1	140780-A	1	157346-A	1	1093	1
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40060-A	1	52895-A	1	87814-A	1	143210-A	1	162160-A	1	1205	1
40062-A	1	52896-A	1	100520-A	1	143590-A	1	162320-A	1	1214	1
40290-A	1	52900-A	1	101425-A	1	144640-A	1	162370-A	1	1235	1
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Only participants in the NMFC at the time the transportation occurs may use the provisions herein.  
For explanation of abbreviations and reference marks, see last page of this Supplement. ©NMFTA 2022

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Ⓑ <i>Pari-mutuel, paper</i> .....	153980	Ⓑ <i>Car tender</i> .....	168480	<b>Ⓑ Wings, guide, shot hole</b> .....	143210
<b>Tobacco:</b>		Ⓑ <i>Locomotive tender</i> .....	168480		
Ⓐ <i>Imitation, smoking, cut or granulated</i> .....	183170	<b>Ⓐ Underframes, railway car, steel</b> .....	168500	<b>X</b>	
<b>Ⓑ Toner, copier, printer or facsimile (fax) machine, in cartridges</b> .....	116030	<b>Units:</b>		<b>Ⓑ Xylidine, petroleum</b> .....	155460
<b>Ⓐ Toner, copier, printer or facsimile (fax) machine, not required by DOT to bear a Hazard Class or Hazard Division label or placard</b> .....	101740	Ⓑ <i>Observation</i> .....	161050	<b>Z</b>	
<b>Ⓑ Toner, copier, printer or facsimile (fax) machine, other than in cartridges</b> .....	101740	<b>Ⓑ Urea, methylol</b> .....	45320	<b>Ⓑ Zinc Laurate</b> .....	47370
<b>Tops:</b>		<b>V</b>			
Ⓑ <i>Imposing table, printers', cast iron</i> ..	162370	<b>Vases:</b>			
Ⓑ <i>Make-up table, printers', cast iron</i> ...	162370	Ⓑ <i>Coal, sheet steel</i> .....	174560		
		<b>Ventilators:</b>			
		Ⓑ <i>Railway car roof</i> .....	168520		

## RULES

## ITEM 183-A

## FCDC-REGISTERED THIRD PARTY PACKAGE TESTING LABORATORIES

The package testing laboratories named below are registered with the Freight Classification Development Council and are qualified to conduct the performance test procedures detailed in Items 180 and 181. For the most up-to-date list of registered labs, please refer to the FCDC's website, [www.nmfta.org/pages/FCDCRegistered](http://www.nmfta.org/pages/FCDCRegistered).

Laboratory	Location	Contact	Phone Number
Advanced Packaging Technology Laboratories, Inc.	Wheeling, IL	Monica White	847.520.4343 x215
★ANAMA Package & Container Testing Services, Inc.	Stamford, CT	Anton Cotaj	203.658.8490
★Bureau Veritas Consumer Products Services Vietnam	Ho Chi Minh City, Vietnam	Ryan Nguyen	84.966.357953
China Packaging Research & Test Center	Tianjin, China	Wang Qing	86.22.66237185
★FedEx Services Packaging Lab	Collierville, TN	Evan Edwards	901.850.3597
Intertek Testing Service Shenzhen Limited, Guangzhou Branch	Guangzhou, Guangdong, China	Bo Wang	86.20.82139764
Intertek Testing Services Shenzhen Ltd.	Shenzhen, Guangdong, China	Carrey Wen	86.755.2602.0307
★Multi-Wall Packaging Corp.	Danville, VA	Rob Reynolds	434.836.7802
►Outlook Technical Services (Vietnam) Ltd.	►Di An City, Binh Duong Province, Vietnam	Christine Nguyen	84.774.356.503
Packaging Corporation of America	Mundelein, IL	Brandon Hink	847.388.6034
Performance Testing Laboratories, LLC	Santa Ana, CA	Mary Beth Proctor	714.957.9300
Pro-Pack Testing Laboratory, Inc.	Belleville, IL	Manuel Rosa, Jr.	618.277.1160
★PT. Outlook Technical Service	Sidoarjo, Jawa Timur, Indonesia	Daud Musafar	62.31.891.7907
SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch	Guangdong Province, China	Heather Meng	86.757.2280.5851
WestRock	Carol Stream, IL	Jim Rivera	630.384.5237

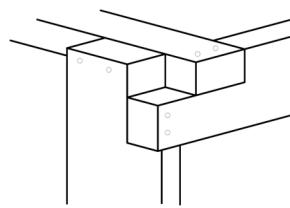
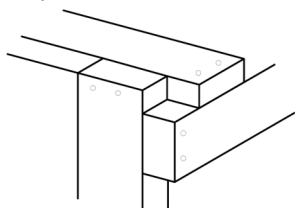
## ►ITEM 245-A

## DEFINITION OF OR SPECIFICATIONS FOR CRATES

**Crates** are containers constructed of wood or metal slats or structural members with apertures between, securely nailed, bolted, screwed, riveted, welded, glued, dovetailed, or wired and stapled together, having sufficient strength to hold contents so as to withstand the normal rigors of the less-than-truckload environment. Crates must be constructed with slats or members sufficiently close to one another to adequately protect contents on the sides, ends, tops and bottoms, and in such manner that the crate containing its contents may be taken into or out of the vehicle. Contents must be securely held within crates and no part shall protrude, unless otherwise provided in individual items. Surfaces liable to be damaged must be fully covered and protected. All moveable contents within the crate must be blocked and/or braced to prevent any shifting during transportation. Commodities with legs must be suspended away from all edges of the crate by at least one inch. If the weight of the commodity exceeds 500 pounds, a standard crate must be used instead of a wirebound crate.

**Wooden crates**, other than wirebound crates, must be constructed as follows:

- (1) Lumber must be seasoned, reasonably sound, and free from cross grain and knots which would interfere with nailing or stapling, or knots which are greater than  $\frac{1}{3}$  the width of the lumber.
- (2) Crates must be constructed with outer framework consisting of upright and horizontal members and with additional diagonal upright and horizontal members where necessary to provide proper strength and rigidity.
- (3) Crates must be constructed with three-way locking corners, where members will be joined with nails or other fasteners driven into side grain of joining members. Examples are shown below:



- (4) All joining crate members must be fastened by double nailing or stapling.
- (5) Crates must be designed and constructed with transverse cross-members at base sufficient in strength to protect underside of article from damage by mechanical handling equipment.
- (6) Structural panels, including plywood, oriented strand board (OSB), and waferboard, must be manufactured with exterior glue.

**Wirebound crates** must be constructed as follows:

- (1) The framework must be reasonably sound and securely fastened together.
- (2) The face boards that form the container must be of sufficient strength, solid or slatted, to support the contents based on weight, size and distribution environment.

(Continued on following page)



## RULES

## ITEM 245-A-Continued

(3) Binding wires should be wrapped around all six sides of the container at frequent intervals in order to increase the strength and rigidity of the container. The wires should be securely attached to the crate by staples and securely fastened with one of the following closure methods:

- (a) Style 1—Wires are twisted together.
- (b) Style 2—Wires are turned back to form loops that are hooked into each other and bent back.
- (c) Style 2A—Wires are turned back to form loops that are hooked into each other and bent back, then twisted on itself.
- (d) Style 3—Wires are turned back to form loops that are hooked into each other and bent back with wires across the ends in place of battens.

## ITEM 275-A

## DEFINITION OF OR SPECIFICATIONS FOR TUBES

► **Tubes** are containers that may be cylindrical, squared or triangular and may be made of fiberboard, paperboard or plastic. Tubes must be of construction and size that protects the contents and prevents movement of the contents that could cause damage from the normal rigors of the less-than-truckload environment. Ends of tubes may be removable or nonremovable and may be made of same or other materials. Removable ends must be securely held in place to protect and prevent loss of contents during transport.

## ITEM 540-A

## HAZARDOUS MATERIALS

(see Notes A and C)

**Sec. 1. Compliance with Department of Transportation (DOT) Descriptions and Packaging Requirements:**

**Sec. 1(a).** Articles subject to the DOT's hazardous materials regulations must be described on bills of lading and shipping orders as shown in those regulations. Abbreviations must not be used, except as authorized in 49 CFR §172.202. When the DOT's hazardous materials regulations description differs from the Classification description, the Classification description must also be shown on bills of lading and shipping orders.

**Sec. 1(b).** The packaging of hazardous materials must comply with the Classification packaging requirements (unless otherwise noted) and are also governed by the rules and regulations as prescribed by the DOT's hazardous materials regulations. When individual items in the Classification authorize use of a container and further require specific container information markings or container manufacturer certificates, with the exception of fiberboard boxes as specified within Item 222, the DOT-adopted UN container markings will supersede Classification packaging requirements.

**Sec. 2. Transportation of Explosives and Dangerous or Hazardous Articles or Materials:** Unless otherwise provided, carriers may accept shipments of explosives, hazardous wastes, hazardous substances or radioactive articles or materials, including radioactive waste, for transportation in accordance with the transportation regulations of the U.S. Department of Transportation (DOT), Environmental Protection Agency (EPA) and the U.S. Nuclear Regulatory Commission (NRC), subject to the following provisions:

**Sec. 2(a).** Hazardous wastes or hazardous substances for disposal, subject to the provisions of Title 49 CFR Parts 171.3 and 172.205; or radioactive waste; will be subject to the following requirements:

(1) A notice of 48 hours must be given by the shipper to the carrier before tender of shipment, providing the necessary shipment information, including the name of shipper, origin, consignee and destination.

(2) The carrier will determine before acceptance of the shipment if consignee will accept the shipment when tendered for delivery. Only upon advice from consignee that the shipment will be accepted, may carrier accept shipment at the origin point. If consignee advises that shipment will not be accepted, the destination carrier will attempt to determine if and when it would be accepted at destination and advise shipper or connecting carrier where joint line service is involved.

Any charges assessed for service performed under paragraph (2) of Sec. 2(a) will be as provided in carrier tariffs.

(3) Shipments must be prepaid except when shipped by the U.S. Government on Government bills of lading.

(4) Shipments which are delayed in transit directly or indirectly due to restrictions imposed by the shipper or consignee or which, because of the nature of such shipments, are delayed in transit by regulations imposed by any state, federal or other governmental agency will be subject to delay-in-transit charges as provided in carriers' tariffs. Such charges begin at time shipment is delayed and continue until such time as transportation can be resumed or shipment delivered to consignee. Payment of charges assessed under this provision will be the responsibility of the party remitting the line-haul charges.

(5) When charges are assessed under circumstances described in paragraph (4) above, the carrier shall maintain a record of all shipment delays, including arrival and departure times at locations where delays occur, and the name of the party or regulatory agency authorizing or necessitating such delays.

(6) Except as provided in Note B or as authorized by the DOT in 49 CFR 173.28, hazardous waste is to be packaged in new or reconditioned DOT specification containers.

**Sec. 2(b).** Where required by federal, state or local regulations, carrier will prepare route plans which set forth the authorized or designated route to be utilized in transporting shipments of hazardous materials, wastes or substances, or radioactive articles or materials, including radioactive waste, from the initial origin to destination. The authorized or designated route should be the shortest available route over the highways approved by the appropriate federal, state or local agency for the transportation of hazardous materials including radioactive articles or materials. Where provided in applicable tariffs, carriers may assess separate charges for circuitous mileage when the authorized or designated route of movement exceeds the mileage over the carrier's normal or established route of movement from origin to destination.

**Sec. 2(c).** When carriers are required by federal, state or local regulations or statutes to pay fees to acquire permits to transport hazardous materials, wastes or substances, or radioactive articles or materials, the cost of acquiring such permits, including administrative or service charges where provided in carrier tariffs, will be paid by the party remitting the line-haul charges. Upon request, evidence of payment of the costs of acquiring permits shall be furnished.

**Sec. 2(d).** Unless exclusive use of carrier's equipment is ordered, carriers shall have full access to the equipment it uses in transporting hazardous shipments. Where exclusive use of equipment is ordered, such service will be charged for in accordance with applicable carrier tariffs.

(Continued on following page)

## RULES

## ITEM 540-A-Continued

► **Sec. 3. Classification of Materials Having More Than One Hazard:** Hazardous materials classes and index to hazard class definitions. (See Notes D and E.)

Hazard Class No.	Division No. (if any)	Name of class or division	49 CFR reference for definitions
None	—	Forbidden materials	173.21
None	—	Forbidden explosives	173.54
1	1.1	Explosives (with a mass explosion hazard)	173.50
1	1.2	Explosives (with a projection hazard)	173.50
1	1.3	Explosives (with predominantly a fire hazard)	173.50
1	1.4	Explosives (with no significant blast hazard)	173.50
1	1.5	Very insensitive explosives; blasting agents	173.50
1	1.6	Extremely insensitive detonating substances	173.50
2	2.1	Flammable gas	173.115
2	2.2	Non-flammable compressed gas	173.115
2	2.3	Poisonous gas	173.115
3	—	Flammable and combustible liquid	173.120
4	4.1	Flammable solid	173.124
4	4.2	Spontaneously combustible material	173.124
4	4.3	Dangerous when wet material	173.124
5	5.1	Oxidizer	173.127
5	5.2	Organic Peroxide	173.128
6	6.1	Poisonous materials	173.132
6	6.2	Infectious substance (Etiologic agent)	173.134
7	—	Radioactive material	173.403
8	—	Corrosive material	173.136
9	—	Miscellaneous hazardous material	173.140

**Sec. 3(a).** Except as provided in paragraph (c) of this section, a material not specifically listed in 49 CFR §172.101, Hazardous Materials Table, that meets the definition of more than one hazard class or division as defined in 49 CFR §173.21 through ►§173.140, shall be classed according to the highest applicable hazard class of the following hazard classes, which are listed in descending order of hazard:

- (1) Class 7 (radioactive materials, other than limited quantities).
- (2) Division 2.3 (poisonous gases).
- (3) Division 2.1 (flammable gases).
- (4) Division 2.2 (nonflammable gases).
- (5) Division 6.1 (poisonous liquids), Packing Group I, poisonous-by-inhalation only.
- (6) A material that meets the definition of a pyrophoric material (Division 4.2) in 49 CFR §173.124 (b)(1).
- (7) A material that meets the definition of a self-reactive material (Division 4.1) in 49 CFR §173.124 (a)(2).
- (8) The hazard class and packing group for a material meeting more than one of the following hazard classes shall be determined using the precedence table in paragraph (b) of this section:
  - Class 3 (flammable liquids)
  - Class 8 (corrosive materials)
  - Division 4.1 (flammable solids)
  - Division 4.2 (spontaneously combustible materials)
  - Division 4.3 (dangerous when wet materials)
  - Division 5.1 (oxidizers)
  - Division 6.1 (poisonous liquids or solids other than Packing Group I poisonous-by-inhalation).
- (9) Combustible liquids.
- (10) Class 9 (miscellaneous hazardous materials).

(Continued on following page)

## RULES

## ITEM 540-A-Continued

**Sec. 3(b).** Precedence of hazard table for Classes 3 and 8 and Divisions 4.1, 4.2, 4.3, 5.1 and 6.1:

Precedence of Hazard Table															
[Hazard class or division and packing group]															
	4.2	4.3	5.1, I <sup>(1)</sup>	5.1, II <sup>(1)</sup>	5.1, III <sup>(1)</sup>	6.1, I dermal	6.1, I oral	6.1 II	6.1 III	8, I liquid	8, I solid	8, II liquid	8, II solid	8, III liquid	8, III solid
3 I <sup>(2)</sup>		4.3				3	3	3	3	3	<sup>(3)</sup>	3	<sup>(3)</sup>	3	<sup>(3)</sup>
3 II <sup>(2)</sup>		4.3				3	3	3	3	8	<sup>(3)</sup>	3	<sup>(3)</sup>	3	<sup>(3)</sup>
3 III <sup>(2)</sup>		4.3				6.1	6.1	6.1	3 <sup>(4)</sup>	8	<sup>(3)</sup>	8	<sup>(3)</sup>	3	<sup>(3)</sup>
4.1 II <sup>(2)</sup>	4.2	4.3	5.1	4.1	4.1	6.1	6.1	4.1	4.1	<sup>(3)</sup>	8	<sup>(3)</sup>	4.1	<sup>(3)</sup>	4.1
4.1 III <sup>(2)</sup>	4.2	4.3	5.1	4.1	4.1	6.1	6.1	6.1	4.1	<sup>(3)</sup>	8	<sup>(3)</sup>	8	<sup>(3)</sup>	4.1
4.2 II		4.3	5.1	4.2	4.2	6.1	6.1	4.2	4.2	8	8	4.2	4.2	4.2	4.2
4.2 III		4.3	5.1	5.1	4.2	6.1	6.1	6.1	4.2	8	8	8	8	4.2	4.2
4.3 I			5.1	4.3	4.3	6.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
4.3 II			5.1	4.3	4.3	6.1	4.3	4.3	4.3	8	8	4.3	4.3	4.3	4.3
4.3 III			5.1	5.1	4.3	6.1	6.1	6.1	4.3	8	8	8	8	4.3	4.3
5.1 I <sup>(1)</sup>						5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
5.1 II <sup>(1)</sup>						6.1	5.1	5.1	5.1	8	8	5.1	5.1	5.1	5.1
5.1 III <sup>(1)</sup>						6.1	6.1	6.1	5.1	8	8	8	8	5.1	5.1
6.1 I dermal										8	6.1	6.1	6.1	6.1	6.1
6.1 I, oral										8	6.1	6.1	6.1	6.1	6.1
6.1 II inhalation										8	6.1	6.1	6.1	6.1	6.1
6.1 II dermal										8	6.1	8	6.1	6.1	6.1
6.1 II, oral										8	8	8	6.1	6.1	6.1
6.1 III										8	8	8	8	8	8

<sup>1</sup>See 49 CFR §173.127.

<sup>2</sup>Materials of Division 4.1 other than self-reactive substances and solid desensitized explosives, and materials of Class 3 other than liquid desensitized explosives.

<sup>3</sup>Denotes an impossible combination.

<sup>4</sup>For pesticides only, where a material has the hazards of Class 3, Packing Group III, and Division 6.1, Packing Group III, the primary hazard is Division 6.1, Packing Group III.

**Sec. 3(c).** The following materials are not subject to the provisions of paragraph (a) of this section because of their unique properties:

(1) A Class 1 (explosive) material that meets any other hazard class or division as defined in this part shall be assigned a division in Class 1. Class 1 materials shall be classed and approved in accordance with 49 CFR §173.56;

(2) A Division 5.2 (organic peroxide) material that meets the definition of any other hazard class or division as defined in this part, shall be classed as Division 5.2;

(3) A Division 6.2 (infectious substance) material that also meets the definition of another hazard class or division, other than Class 7, or that also is a limited quantity Class 7 material, shall be classed as Division 6.2;

(4) A material that meets the definition of a wetted explosive in 49 CFR §173.124(a)(1) (Division 4.1). Wetted explosives are either specifically listed in the 49 CFR §172.101 Hazardous Materials Table or are approved by the DOT Associate Administrator (see 49 CFR §173.124(a)(1)); and

(5) A limited quantity of a Class 7 (radioactive) material that meets the definition for more than one hazard class or division shall be classed in accordance with 49 CFR §173.423.

**Sec. 4. Empty Shipping Packages Containing Hazardous Material Residue:** Empty shipping packages containing the residue of hazardous material regulated by the U.S. Department of Transportation will be classified as the package itself only when: 1) the material name, identification number, hazard warning label(s) or placard(s), and any other markings indicating that the material is hazardous have been removed, obliterated or securely covered; and 2) they are excepted from the hazardous materials regulations, per 49 CFR §173.29. Otherwise, the package will be classified as the hazardous material contained therein.

While compliance with U.S. Department of Transportation hazardous materials regulations must be made, determination of the applicable class is subject to Item 680, Sec. 1(a), Note 2(a) and (b).

**Sec. 5. Reverse Logistics:** Shipments of hazardous materials may be offered for transportation from a retail store for return to its manufacturer, supplier or distribution facility for the purpose of capturing value, recall, replacement, recycling, or similar reason, provided they meet the definition specified in 49 CFR §171.8, the requirements set forth in 49 CFR §173.157, and bear the marking "REVERSE LOGISTICS—HIGHWAY TRANSPORT ONLY—UNDER 49 CFR 173.157."

**Note A—**These provisions do not obligate carriers to transport shipments beyond the scope of their operating authority or in violation of any applicable law, regulation, ordinance, or other legal restriction.

(Continued on following page)

**RULES****ITEM 540-A-Continued**

**Note B**—Articles or equipment containing or contaminated with polychlorinated biphenyl (PCB) destined to temporary storage sites or authorized disposal facilities must comply with all DOT and Environmental Protection Agency (EPA) regulations; and the articles or equipment must be prepared by shipper in accordance with the applicable Classification provisions.

**Note C**—These provisions do not apply on interstate shipments of hazardous wastes of no economic value destined for disposal, other than nuclear or radioactive wastes.

**Note D**—The most stringent packing group assigned to a hazard of the material takes precedence over other packing groups; for example, a material meeting Class 3 PG II and Division 6.1 PG I (oral toxicity) is classified as Class 3 PG I.

**Note E**—A material that meets the definition of Class 8 and has an inhalation toxicity by dusts and mists which meets criteria for Packing Group I specified in 49 CFR §173.133(a)(1) must be classed as Division 6.1 if the oral or dermal toxicity meets criteria for Packing Group I or II. If the oral or dermal toxicity meets criteria for Packing Group III or less, the material must be classed as Class 8.

ITEM	ARTICLE	CLASS
15260-A	<b>ASPHALT GROUP:</b> subject to item 15200 <b>Pitch</b> , brewers' or pine, ► in bags, boxes or drums .....	55
15530-A	<b>ATHLETIC GOODS GROUP:</b> subject to item 15500 <b>Backboards</b> , basketball goal, with or without mounting hardware:	
Sub 1	Without goals:	
Sub 2	Steel or wood, ► in boxes or crates .....	70
Sub 3	Tempered glass, with steel frames, in boxes .....	85
Sub 4	Plastic, with wood particleboard core, or fiberboard wallboard, with goals folded against backboard, in boxes .....	85
17290-A	<b>Sinkers</b> , lead, ► in bags, boxes or drums .....	70
20380-A	<b>Bacteria</b> , seed or soil inoculating, in preservative or soil, ► in bags, boxes or drums .....	60
20510-A	<b>BAGS:</b> subject to item 20500 <b>Bags</b> , apparel, bedding, clothing or garment storage or protective, plastic, see Note, item 20512, KD flat, etc...☒Cancel; see item 20580.	
20512-A	NOTE—☒Cancel; no further application.	
►20580-A	<b>Bags, viz.:</b> <b>Apparel, Bedding, Clothing or Garment Storage or Protection</b> , NOI; <b>Bags or Pouches</b> , NOI; <b>Burlap, Gunny, Ixtle (Istle), Jute or Sisal</b> , NOI; <b>Mattress (Mattress Covers)</b> , see Note, item 20581; <b>Padded</b> , NOI, or <b>Insulated</b> , NOI; <b>Water</b> , flax or hemp; In bags, bales, boxes or bundles, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1 .....	400
Sub 2	1 but less than 2 .....	300
Sub 3	2 but less than 4 .....	250
Sub 4	4 but less than 6 .....	175
Sub 5	6 but less than 8 .....	125
Sub 6	8 but less than 10 .....	100
Sub 7	10 but less than 12 .....	92.5
Sub 8	12 but less than 15 .....	85
Sub 9	15 but less than 22.5 .....	70
Sub 10	22.5 but less than 30 .....	65
Sub 11	30 or greater .....	60
★20581	NOTE—Applies only on bags or covers that completely enclose a mattress.	
20620-A	<b>Bedding; Clothing; or Mattress (Mattress Covers)</b> , see Note, item 20621; NOI, etc...☒Cancel; see item 20580.	
20621-A	NOTE—☒Cancel; see item 20581.	
►22970-A	<b>Bayonets, Sabers, Swords or Scabbards</b> , other than toy, see Note, item 22971, 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 but less than 10 .....	125
Sub 3	10 or greater .....	85
△22971-A	NOTE—See item 84260 for provisions applicable to toy bayonets, sabers, swords or scabbards.	
△23810-A	<b>BLACKS, DRY:</b> subject to item 23800 NOTE—When tendering shipments of powdered commodities in bags of any description, such shipments will be subject to the provisions of Package 2353.	
23820-A	<b>Blacks</b> , dry mineral earth or peat char other than dry earth paint:	
Sub 1	► In bags .....	70
Sub 2	In boxes or drums .....	55
23900-A	<b>Blacks, viz.:</b> <b>Carbon gas;</b> <b>Lamp;</b> <b>Oil;</b> Density of 17 pounds or greater per cubic foot as packaged ► in bags, boxes, drums or Package 115, see Note, item 23910 .....	77.5
△23910-A	NOTE—Density must be shown by the shipper on the bill of lading and shipping order at time of shipment. If density is not shown and shipment is inadvertently accepted, charges will initially be assessed under the provisions of item 23940. Upon satisfactory proof of actual density, freight charges will be adjusted accordingly.	
23940-A	<b>Carbon Gas Black</b> , NOI, <b>Oil Black</b> , NOI, <b>Lamp Black</b> , NOI, or <b>Vegetable Black</b> , NOI, not offered for transportation as a Hazard Class 4, ► in bags, boxes, drums or Package 115 .....	85
23980-A	<b>Blacks</b> , dry, NOI, ► in bags, boxes, drums or Package 115, see Note, item 23810 .....	85
26800-A	<b>BOILERS, FURNACES, STOVES AND RELATED ARTICLES GROUP:</b> subject to item 25400 <b>Radiators</b> , air heating or cooling, ► in boxes, crates or Package 1065:	
Sub 1	Aluminum, copper, brass or bronze .....	100
Sub 2	Iron or steel combined with other metal .....	85
30743-A	<b>BRASS, BRONZE OR COPPER:</b> subject to item 30100 <b>Powder</b> , copper, tin coated or other than tin coated, ► in bags, drums, pails or Package 2258 .....	60

ITEM	ARTICLE	CLASS
	<b>BUILDING MATERIALS, MISCELLANEOUS, GROUP:</b> subject to item 33570	
33600-A	<b>Air Entraining Agents</b> , consisting of saponified waste resin compound:	
Sub 1	Liquid, ► in drums, or in metal cans in boxes.....	55
Sub 2	Dry, ► in bags, boxes or drums .....	60
33860-A	<b>Cement, Concrete or Masonry Waterproofing Compound</b> , dry, ► in bags, boxes, drums or pails .....	55
★34250	<b>Door Lites, Sidelites or Transom Lites (Transom Windows)</b> , plastic, glazed, in boxes or crates, see Note, item 34251:	
Sub 1	Greatest dimension exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 6 .....	400
Sub 3	6 but less than 10.....	150
Sub 4	10 or greater .....	92.5
Sub 5	Greatest dimension not exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 6 .....	300
Sub 7	6 but less than 10.....	125
Sub 8	10 or greater .....	85
★34251	NOTE—Articles must be protected by packing forms or other packaging materials necessary to afford adequate protection against damage.	
34943-A	<b>Lights</b> , door or sidelight insert, plastic, glazed, etc...☒Cancel; see item 34250.	
35240-A	<b>Plasterboard Joint System</b> , consisting of plastering compound with paper, metal or fabric tape, with or without applicator, <b>or Plasterboard Joint or Topping Cement or Compound</b> , ► in bags, boxes, drums or pails .....	55
►39510-A	<b>Cables</b> , mechanical control, flexible, with cable conduit, with or without couplings or fittings, aircraft, machinery or vehicle, in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1.....	400
Sub 2	1 but less than 2 .....	300
Sub 3	2 but less than 4 .....	250
Sub 4	4 but less than 6 .....	175
Sub 5	6 but less than 8 .....	125
Sub 6	8 but less than 10 .....	100
Sub 7	10 but less than 12 .....	92.5
Sub 8	12 but less than 15 .....	85
Sub 9	15 but less than 22.5 .....	70
Sub 10	22.5 but less than 30 .....	65
Sub 11	30 or greater.....	60
	<b>CANDY GROUP:</b> subject to item 39900	
40060-A	<b>Icing Powder</b> , see Note, item 40062, ► in bags, boxes, drums, pails or Package 128.....	60
△40062-A	NOTE—Applies also on dry-flavoring compound in same shipping container when not in excess of 1½ percent of net weight of icing powder.	
	<b>CAPS AND COVERS GROUP:</b> subject to item 40220	
►40290-A	<b>Caps, Covers or Tops</b> , dispensing, for pressurized cans or bottles; <b>or Assembled Parts thereof</b> , NOI; in boxes.....	125
	<b>CEMENT GROUP:</b> subject to item 42100	
42120-A	<b>Cement</b> , acid proof (building), ► in bags or drums .....	55
42130-A	<b>Cement</b> , hydraulic, masonry, mortar, natural or Portland, ► in drums or cloth or four-ply paper bags .....	50
	<b>CHEMICALS GROUP:</b> subject to item 42600	
42655-A	<b>Adipic Acid</b> , ► in bags, boxes or drums .....	65
42740-A	<b>Alpha Naphthol</b> , etc...☒Cancel; obsolete.	
42910-A	<b>Aluminum Sulfate, or Papermakers' Alum:</b>	
Sub 1	In inner containers in boxes .....	70
Sub 2	► In bags, or in bulk in boxes, drums or pails .....	60
	<b>Barium:</b> subject to item 43300	
43460-A	<b>Tri-barium Aluminate</b> , etc...☒Cancel; obsolete.	
	<b>Calcium:</b> subject to item 43620	
43800-A	<b>Phosphate:</b>	
Sub 1	► In bags, or in bulk in boxes or drums.....	55
Sub 2	In inner containers in boxes.....	65
43830-A	<b>Silicate</b> , hydrated, ► in bags.....	60
43850-A	<b>Sulfide</b> , etc...☒Cancel; obsolete.	
44150-A	<b>☒Copper Sulfate (Blue Vitriol):</b>	
Sub 1	► In containers in boxes .....	70
Sub 2	► In bags, or in bulk in boxes or drums.....	65
44380-A	<b>Dyes or Colors</b> , coal tar, other than indigo and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 44381; dry, liquid or paste, in boxes or drums; or dry, ► in Packages 1065 or 2005.....	100
△44381-A	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.	

ITEM	ARTICLE	CLASS
	<b>CHEMICALS GROUP:</b> subject to item 42600	
△44515-A	☼ <b>Flammable Solid, Spontaneously Combustible or Dangerous When Wet Materials</b> , NOI, see Note, item 44516, in U.S. DOT-authorized packaging:	
Sub 1	Offered for transportation as a Hazard Class 4, Division 4.3:	
Sub 2	In Packing Group I.....	110
Sub 3	In Packing Group II.....	100
Sub 4	In Packing Group III.....	92.5
Sub 5	Offered for transportation as a Hazard Class 4, Division 4.2:	
Sub 6	In Packing Group I.....	150
Sub 7	In Packing Group II.....	92.5
Sub 8	In Packing Group III.....	85
Sub 9	Offered for transportation as a Hazard Class 4, Division 4.1:	
Sub 10	In Packing Group I.....	125
Sub 11	In Packing Group II.....	85
Sub 12	In Packing Group III.....	77.5
△44516-A	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 4: Division 4.1, Flammable Solid, other than Self-reactive Material; Division 4.2, Spontaneously Combustible Material; or Division 4.3, Dangerous When Wet Material; as defined in 49 CFR §173.124 and required to bear a notice to that effect on bills of lading and packaging. For classes applicable to Self-reactive Material, see item 46047.	
	<b>Magnesium:</b> subject to item 45030	
45070-A	<b>Hydroxide</b> , dry, technical grade, ►in bags .....	55
45230-A	<b>Metallic Soaps of Fatty Acids</b> , ►in bags, boxes or drums .....	65
45320-A	<b>Methylol Urea</b> , etc...☒Cancel; obsolete.	
45613-A	☼ <b>Phthalic Anhydride</b> , with equal to or less than 0.05% maleic anhydride, <b>or Isophthalic Acid</b> , ►in bags, boxes, drums, intermediate bulk containers (IBCs) or Package 2172.....	70
△45615-A	☼ <b>Poisonous or Toxic Materials</b> , see Note, item 45616, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I:	
Sub 2	Poisonous by inhalation.....	150
Sub 3	Other than poisonous by inhalation .....	125
Sub 4	In Packing Group II .....	85
Sub 5	In Packing Group III .....	70
△45616-A	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.1, Poisonous or Toxic Material, as defined in 49 CFR §173.132 and required to bear a notice to that effect on bills of lading and packaging.	
46030-A	<b>Resins</b> , coal tar or petroleum, <b>or Resin Compounds</b> , 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-A	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-A	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; <b>OR</b> (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.	
46045-A	<b>Salicylic Acid:</b>	
Sub 1	In inner containers in boxes .....	85
Sub 2	►In bags, or in bulk in boxes or drums.....	70
	<b>Sodium (Soda):</b> subject to item 46080	
46090-A	<b>Acetate:</b>	
Sub 1	►In bags, or in bulk in drums .....	65
Sub 2	►In containers in boxes .....	70
46330-A	<b>Disodium Phosphate or Trisodium Phosphate</b> , ►in bags, boxes or drums.....	55
46610-A	☼ <b>Soda or Sodium Salts</b> , NOI:	
Sub 1	►In inner containers in boxes.....	100
Sub 2	►In bags, or in bulk in boxes or drums .....	85
	<b>Zinc:</b> subject to item 47280	
47290-A	<b>Ammonium Chloride</b> , ►in bags, drums or Package 390 .....	65
47370-A	<b>Laurate</b> , etc...☒Cancel; obsolete.	
47410-A	<b>Sulfate:</b>	
Sub 1	►In bags, or in bulk in boxes or drums .....	55
Sub 2	►In inner containers in boxes.....	60
	<b>CLAY GROUP:</b> subject to item 47990	
48090-A	<b>Carbon Silica</b> , ►in bags or drums.....	60
48270-A	<b>Graphite Ore</b> , ►in bags, boxes or drums .....	55
48310-A	<b>Iron Ore</b> , ground, not calcined, suitable only for use as a sink-float media for coal or ore, ►in bags.....	55
48340-A	<b>Kyanite or Sillimanite Ore</b> , ►in bags, boxes or drums .....	50
48400-A	<b>Pyrites</b> , iron, ►in bags, boxes or drums .....	50
48410-A	<b>Pyrites</b> , cinder, refuse or dross, copper ( <b>Purple Ore</b> ) or iron, etc...☒Cancel; obsolete.	

ITEM	ARTICLE	CLASS
	<b>CLOTH, DRY GOODS, FABRICS OR TEXTILES GROUP:</b> subject to item 48920	
49210-A	<b>Cloth or Fabric</b> , other than with pile or loop surfaces; coated with aluminum, plastic, pyroxylin or rubber, NOI, see Notes, items 49212 and 49214; ►in bags, bales, boxes or rolls .....	65
△49212-A	NOTE—Applies on cloth or fabric coated with plastic or rubber only when the plastic or rubber does not exceed 1/16 inch thick and only when the product as tendered for shipment has an actual density of 15 pounds or greater per cubic foot.	
△49214-A	NOTE—Applies only when the coating is applied other than by quilting or stitching. Does not apply on open weave (open mesh) fabrics unless all interstices are covered or filled with coating.	
49450-A	<b>Friction Fabric or Friction Tape</b> (cloth coated with soft gum, unvulcanized rubber or other sticky coating), NOI, other than insulating cloth or tape, etc...☒Cancel; see item 181823.	
49680-A	<b>Cloth or Tape</b> , insulating, NOI, etc...☒Cancel; see item 181823.	
50315-A	<b>Compounds</b> , thermal or acoustical insulating, or vehicle body sealer or sound deadener, liquid or paste, ►in boxes or drums .....	55
50340-A	<b>Compounds</b> , water clarifying, hardening, purifying or softening, not medicated nor perfumed, NOI:	
Sub 1	Dry, ►in bags, boxes, drums or Package 2118.....	65
Sub 2	Liquid or paste, ►in drums .....	70
	<b>COOKWARE GROUP:</b> subject to item 52860	
★52880	<b>Cookware or Bakeware</b> , metal, NOI, with or without components or accessories of same or other materials, see Note, item 52881, in boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1 .....	400
Sub 2	1 but less than 2 .....	300
Sub 3	2 but less than 4 .....	250
Sub 4	4 but less than 6 .....	175
Sub 5	6 but less than 8 .....	125
Sub 6	8 but less than 10 .....	100
Sub 7	10 but less than 12.....	92.5
Sub 8	12 but less than 15.....	85
Sub 9	15 but less than 22.5.....	70
Sub 10	22.5 but less than 30.....	65
Sub 11	30 or greater .....	60
★52881	NOTE—Covers or other accessories may be in same or separate packages.	
52890-A	<b>Cookware</b> , cast iron, etc...☒Cancel; see item 52880.	
52895-A	<b>Cookware or Bakeware</b> , aluminum, NOI, etc...☒Cancel; see item 52880.	
52896-A	NOTE—☒Cancel; no further application.	
52900-A	<b>Cookware or Bakeware</b> , sheet steel, NOI, etc...☒Cancel; see item 52880.	
52901-A	NOTE—☒Cancel; see item 52881.	
52902-A	NOTE—☒Cancel; no further application.	
	<b>DRAWING INSTRUMENTS, OPTICAL GOODS OR SCIENTIFIC INSTRUMENTS:</b> subject to item 57670	
►57760-A	<b>Binoculars</b> , NOI; <b>Field Glasses</b> ; <b>Monoculars</b> ; <b>Opera Glasses</b> ; or <b>Magnifying Reading Glasses</b> , other than eyeglasses or spectacles; toy or other than toy, with or without carrying cases or tripods or stands, in boxes ....	150
57762-A	NOTE—☒Cancel; no further application.	
	<b>DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS GROUP:</b> subject to item 58500	
►58730-A	<b>Cough Drops or Throat Lozenges</b> , in boxes .....	100
59040-A	<b>Nuts</b> , areca ( <b>Betel Nuts</b> ), ground or powdered, ►in bags, boxes or drums .....	85
59250-A	<b>Sea Grass</b> , <b>Sea Moss</b> or <b>Seaweed</b> : subject to item 59240	
	<b>Agar-Agar (Bengal Isinglass or Ceylon Moss)</b> , ►in bags, bales, boxes or drums .....	200
	<b>ELECTRICAL EQUIPMENT GROUP:</b> subject to item 60500	
61370-A	<b>Combs</b> ; <b>Brushes</b> ; <b>Crimpers</b> ; <b>Flutters</b> ; <b>Straighteners</b> , NOI; or <b>Wavers</b> , NOI; hair, etc...☒Cancel; see item 62290.	
★61550	<b>Detectors</b> , fire, gas, heat or smoke, or <b>Smoke Alarms</b> , with or without built-in emergency lighting units, in boxes.....	110
61552-A	<b>Detectors</b> , fire, heat or smoke, or <b>Smoke Alarms</b> ; with or without built-in emergency lighting units, etc...☒Cancel; see item 61550.	
61553-A	NOTE—☒Cancel; no further application.	
61555-A	<b>Detectors</b> , gas, etc...☒Cancel; see item 61550.	
61556-A	NOTE—☒Cancel; no further application.	
►62290-A	<b>Irons or Wands</b> , hair crimping, curling, straightening, styling or waving; or <b>Brushes</b> or <b>Combs</b> , hair; in boxes .....	125
64300-A	☉ <b>Explosives</b> , consisting of ammunition, explosive or incendiary, or gas or smoke or tear producing; <b>Explosives</b> , NOI; <b>Propellants</b> , explosive; <b>Blasting Agents</b> ; <b>Detonators</b> , <b>Igniters</b> or <b>Squibs</b> , motor vehicle air bag deploying; <b>Fireworks</b> ; <b>Flares</b> , NOI; or <b>Ammunition</b> or <b>Cartridges</b> , small arms, blank or loaded; ►in U.S. DOT-authorized packaging:	
Sub 1	Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item 64301.....	200
Sub 2	Other than Hazard Class 1, Division 1.1, 1.2 or 1.3, see Note, item 64302 .....	85
►64301-A	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.1, 1.2 or 1.3, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging.	
►64302-A	NOTE—Applies on articles or materials regulated by the U.S. Department of Transportation as a Hazard Class 1, Division 1.4, 1.5 or 1.6, Explosives, as defined in 49 CFR §173.50 and required to bear a notice to that effect on bills of lading and packaging, or on articles or materials moving under the limited quantity exception as defined in 49 CFR §173.63(b).	



ITEM	ARTICLE	CLASS
	<b>FILTERS GROUP:</b> subject to item 69010	
69083-A	<b>Filters</b> , cigarette, with integral plastic holders, disposable, with or without components of other materials, in boxes...	►200
	<b>FOODSTUFFS GROUP:</b> subject to item 72000	
72220-A	<b>Bread Making Compounds</b> , NOI, other than prepared flour, edible flour, NOI, baking powder or yeast, and including compounds such as gluten developers, yeast foods and dough improvers, ►in bags, boxes, drums or Packages 1403 or 2323.....	60
72490-A	<b>Coating</b> , doughnut or cake, dry, see Note, item 72492, ►in bags.....	55
△72492-A	NOTE—Applies only on powdered sugar containing not over 30 percent of corn starch, shortening and flavoring.	
72760-A	<b>Dessert Preparations</b> , such as ice cream, jelly, pie or pudding preparations, other than frozen, NOI, see Note, item 72762, ►in bags, boxes, drums or pails:	
Sub 1	Sweetened, other than with sugar .....	92.5
Sub 2	Unsweetened; or sweetened with sugar .....	60
△72762-A	NOTE—Inner containers may contain a small quantity of dry or liquid flavoring.	
73220-A	<b>Food Curing, Preserving or Seasoning Compounds</b> , NOI, ►in bags, boxes, drums or Packages 510, 860, 1399, 2283 or 2358.....	70
►73238-A	<b>Foodstuffs</b> , other than frozen, <b>Group II, viz.:</b>	
	<b>Compounds</b> , malt or milk and chocolate or cocoa, beverage preparation;	
	<b>Welsh Rarebit;</b>	
	In boxes, crates, drums or Package 2499.....	65
★73705	<b>Kernels or Seeds</b> , pumpkin or sunflower, cooked, in bags, boxes or drums, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 10 .....	110
Sub 2	10 but less than 12.....	92.5
Sub 3	12 or greater .....	70
73710-A	<b>Kernels</b> , pumpkin seed, cooked, salted or not salted, etc...☒Cancel; see item 73705.	
73770-A	<b>Malt and Milk Compound</b> , not malted milk, ►in bags, boxes or drums.....	65
★74190	<b>Oils</b> , cooking or salad, NOI; <b>Cooking Spray</b> , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 74191; <b>or Vegetable Oil Shortening</b> ; in boxes, drums or Packages 275, 1000, 2257, 2288, 2330, 2393, 2401, 2415 or 2499.....	65
★74191	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.	
74740-A	<b>Shortening</b> , powdered, consisting of milk or whey solids and vegetable oil shortening or lard, with or without desiccated eggs or sugar, ►in bags, boxes or drums.....	70
74840-A	<b>Soybean Milk Compound</b> , including <b>Infant Formula</b> , ►in bags, boxes, drums or Package 1000 .....	60
76850-A	<b>Fruits, Meats, Vegetables or Dairy Products</b> , with or without other ingredients, freeze-dehydrated or freeze-dried, NOI, see Note, item 76852, in boxes, drums or Package 2257, subject to Item 170 and having a density in pounds per cubic foot of:	
►Sub 1	Less than 4 .....	250
►Sub 2	4 but less than 7 .....	175
►Sub 3	7 or greater .....	100
△76852-A	NOTE—Applies on fruits, meats, vegetables or dairy products, with or without other ingredients, that have been prepared by dehydration or drying in conjunction with extreme freezing temperatures.	
	<b>FURNITURE GROUP:</b> subject to item 79000	
	<b>Metallic or Wooden:</b> subject to item 79600	
	<b>Cots or Beds</b> , folding, NOI: subject to item 81000	
►81040-A	Steel frame, NOI, in packages:	
Sub 1	Thickness folded exceeding 12 inches, see Note, item 81042 .....	125
Sub 2	Thickness folded exceeding 2 inches but not over 12 inches .....	85
Sub 3	Thickness folded not exceeding 2 inches.....	70
81042-A	NOTE—►Also applies on one accompanying mattress or pad when in Package 10F and enclosed in cot.	
►81060-A	Steel frame, with coiled wire springs, folded, in packages:	
Sub 1	Thickness exceeding 12 inches, see Note, item 81042, or each compressed to thickness exceeding 3 inches, or not compressed .....	125
Sub 2	Each compressed to thickness not exceeding 3 inches .....	85
81380-A	<b>Organ or Piano Cases:</b>	
Sub 1	Finished:	
Sub 2	SU, ►in Package 5F.....	200
Sub 3	KD flat, in Packages 1F, 3F, 5F, 19F, 21F, 22F or 25F .....	100
Sub 4	In the white:	
Sub 5	SU, ►in Package 5F.....	150
Sub 6	KD flat, in Packages 1F, 3F, 5F, 19F, 21F, 22F or 25F.....	85

ITEM	ARTICLE	CLASS
	<b>FURNITURE GROUP:</b> subject to item 79000 <b>Metallic or Wooden:</b> subject to item 79600 <b>►82270-A Metallic or Wooden Furniture, viz.:</b> <b>Bins or Shelving, NOI;</b> <b>Freestanding Panels, Partitions or Screens;</b> <b>Metallic or Wooden Furniture, NOI;</b> In Packages 1F, 2F, 3F, 5F, 19F, 21F, 22F, 25F, 40F, 138F, 150F or 151F, see Note, item 82271, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1 .....	400
Sub 2	1 but less than 2 .....	300
Sub 3	2 but less than 4 .....	250
Sub 4	4 but less than 6 .....	175
Sub 5	6 but less than 8 .....	125
Sub 6	8 but less than 10 .....	100
Sub 7	10 but less than 12 .....	92.5
Sub 8	12 but less than 15 .....	85
Sub 9	15 but less than 22.5 .....	70
Sub 10	22.5 but less than 30 .....	65
Sub 11	30 or greater .....	60
△82271-A	NOTE—Aluminum furniture will be accepted in packages authorized for shipment of same articles made of steel or wood. <b>Store or Office,</b> steel or wood except as otherwise provided: subject to item 82300 <b>Bins or Shelving,</b> steel or steel and wood combined, NOI, etc...☒Cancel; see item 82270.	
82360-A	<b>FURNITURE PARTS GROUP:</b> subject to item 82750 <b>Rocker Springs,</b> platform or spring rocking chair, steel, ►in boxes .....	70
83370-A	<b>GLASSWARE GROUP:</b> subject to item 87500	
△87810-A	<b>Bulbs or Tubes, NOI, or Bulb or Tube Subassemblies,</b> see Note, item 87811; <b>or Pipe, Rods or Tubing,</b> straight, NOI, see Note, item 87812; in boxes or crates, see Note, item 87813:	
Sub 1	Density less than 10 pounds per cubic foot; or actual value exceeding \$40.00 per pound; or where no density or value is shown at time of shipment .....	175
Sub 2	Density 10 pounds or greater per cubic foot and actual value not exceeding \$40.00 per pound, see Note, item 87814 .....	70
△87811-A	NOTE—Provisions apply only when not containing filaments or gases and without fittings, except they may have metal contact buttons or metal or plastic rings or gaskets.	
△87812-A	NOTE—Products containing 90 percent or more of silica or quartz, or having fittings or pieces attached are subject to the provisions for 'Glassware, NOI,' per item 88160.	
87813-A	NOTE—Glass bulbs or tubes or bulb or tube subassemblies may be shipped in Packages 1346 or 2006. Straight lengths of glass pipe, rods or tubing may be shipped ►in Packages 1440, 2028 or 2066.	
△87814-A	NOTE—Bills of lading and shipping orders must clearly show that the density is 10 pounds or greater per cubic foot and that the value per pound does not exceed \$40.00.	
	<b>HOUSEHOLD UTENSILS GROUP:</b> subject to item 100500	
100520-A	<b>Beaters,</b> egg or food, hand, NOI, etc...☒Cancel; see item 101425.	
△101425-A	<b>Tools,</b> hand, kitchen, NOI, other than power, in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1 .....	400
Sub 2	1 but less than 2 .....	300
Sub 3	2 but less than 4 .....	250
Sub 4	4 but less than 6 .....	175
Sub 5	6 but less than 8 .....	125
Sub 6	8 but less than 10 .....	100
Sub 7	10 but less than 12 .....	92.5
Sub 8	12 but less than 15 .....	85
Sub 9	15 but less than 22.5 .....	70
Sub 10	22.5 but less than 30 .....	65
Sub 11	30 or greater .....	60
	<b>INK AND RELATED MATERIALS GROUP:</b> subject to item 101710	
101720-A	<b>Ink and Related Materials,</b> not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 101721, <b>viz.:</b> <b>Bases,</b> color, ink; <b>Coatings,</b> ink; <b>Compounds,</b> ink reducing, thickening or thinning; <b>Driers,</b> ink; <b>Extenders,</b> ink; <b>Ink,</b> brush or stencil marking; <b>Ink,</b> printing, NOI, ►see Note, item 101722; <b>Plasticizers,</b> ink; <b>Solvents,</b> ink; <b>Varnishes,</b> ink; In boxes, drums, pails or intermediate bulk containers (IBCs), 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 .....	65

ITEM	ARTICLE	CLASS
	<b>INK AND RELATED MATERIALS GROUP:</b> subject to item 101710	
△101721-A	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.	
★101722	NOTE—Does not apply on ink, dry ink or toner for use in copiers, printers or facsimile (fax) machines. For applicable provisions, see item 101740.	
▶101740-A	<b>Ink, Dry Ink or Toner</b> , copier, printer or facsimile (fax) machine, including <b>Optical Photo Cartridges</b> , see Notes, items 101742, 101743 and 101744, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 101745, in boxes, drums or pails, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 8 .....	175
Sub 2	8 but less than 12.....	100
Sub 3	12 or greater .....	77.5
101741-A	NOTE—☒Cancel; no further application.	
★101742	NOTE—Also applies on ink, dry ink or toner cartridges with integral drum unit.	
★101743	NOTE—Also applies on ink, dry ink or toner cartridges whether full or containing residue.	
★101744	NOTE—Also applies on ink, dry ink or toner cartridges being shipped for recycling or disposal.	
★101745	NOTE—Does not apply on materials regulated by the U.S. Department of Transportation as hazardous and required to bear a Hazard Class or Hazard Division label or placard. For classes applicable to such hazardous materials, see provisions elsewhere in this Classification.	
	<b>INSULATION OR INSULATING MATERIAL GROUP:</b> subject to item 103000	
▶103110-A	<b>Cement, viz.:</b> <b>Boiler Wall;</b> <b>Insulating</b> , infusorial earth; <b>Magnesia;</b> <b>Mineral Wool (Clay, Rock, Slag or Glass Wool);</b> In bags, boxes, drums or pails.....	55
111290-A	<b>Lignite Char</b> , not activated, etc. ...☒Cancel; obsolete.	
	<b>MACHINERY GROUP:</b> subject to item 114000	
	<b>Business or Office:</b> subject to item 115700	
▶116030-A	<b>Machines, Systems or Devices</b> , data processing, or <b>Components, Parts or Peripherals thereof</b> , see Note, item 116033, viz.: <b>Automated Teller Machines (ATMs);</b> <b>Computers</b> , including <b>Personal Computers, Laptops, Notebooks or Tablets</b> , or <b>Components, Parts or Peripherals thereof</b> , NOI; <b>Copiers, Printers, Scanners or Facsimile (Fax) Machines</b> , or <b>Components or Parts thereof</b> , NOI, see Notes, items 116034 and 116039, also in Package 2534; <b>Electronic Telephone Switching Systems</b> , or <b>Components thereof;</b> <b>Machines, Systems or Devices</b> , data processing, or <b>Components, Parts or Peripherals thereof</b> , NOI; <b>Point-of-Sale (POS) Systems or Cash Registers</b> , or <b>Components or Parts thereof</b> , NOI, see Note, item 116038, also in Package 2132; <b>Servers, or Storage or Networking Devices or Hardware</b> , or <b>Components or Parts thereof</b> , NOI; <b>Software</b> , NOI, data processing machine, system or device; In boxes, crates or Packages 2253, 2254, 2286 or 2291, released to a value not exceeding \$25.00 per pound, see Note, item 116031, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1 .....	400
Sub 2	1 but less than 2 .....	300
Sub 3	2 but less than 4 .....	250
Sub 4	4 but less than 6 .....	175
Sub 5	6 but less than 8 .....	125
Sub 6	8 but less than 10 .....	100
Sub 7	10 but less than 12.....	92.5
Sub 8	12 but less than 15.....	85
Sub 9	15 but less than 22.5.....	70
Sub 10	22.5 but less than 30.....	65
Sub 11	30 or greater .....	60
△116031-A	NOTE—Unless otherwise provided in individual participating carriers' tariffs, articles moving under the provisions of item 116030 shall only be accepted subject to a maximum liability of \$25.00 per pound. If shipper fails to declare a value, or declares a value in excess of \$25.00 per pound, shipment will not be accepted, but if the shipment is inadvertently accepted, it will be considered as being released to a value not exceeding \$25.00 per pound and the shipment will move subject to such limitation of liability. In no instance will carriers' liability exceed the actual value of the article lost or damaged.	
△116033-A	NOTE—Does not apply on: (1) Cellular or radio telephones, including smartphones. For cellular or radio telephones, including smartphones, see item 62820, 'Radio-telephone Transmitting or Transmitting and Receiving Sets,' for provisions based on released value, and item 62850, 'Radio-telephones, cellular (Cellular Telephones),' for provisions not based on released value. (2) Video, computer or multimedia monitors or displays. For 'Video, Computer or Multimedia Monitors or Displays,' see item 63321.	
△116034-A	NOTE—Also applies on stand-alone copiers, or components or parts thereof, that are not a part of a computer or data processing network or system.	
116035-A	NOTE—☒Cancel; see item 101743.	
116036-A	NOTE—☒Cancel; see item 101742.	
116037-A	NOTE—☒Cancel; see item 101744.	

ITEM	ARTICLE	CLASS
	<b>MACHINERY GROUP:</b> subject to item 114000	
△116038-A	NOTE—Also applies on stand-alone point-of-sale systems or cash registers, or components or parts thereof, that are not a part of a computer or data processing network or system.	
★116039	NOTE—Articles may be shipped with complement of ink, dry ink or toner in same package.	
	<b>Lubricators or Grease Cups</b> , NOI: subject to item 124500	
▶124540-A	Other than automatic, in boxes:	
Sub 1	Iron or steel.....	70
Sub 2	Other than iron or steel.....	92.5
▶132600-A	<b>Turntables</b> , NOI, in boxes or crates, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 12.....	125
Sub 2	12 or greater.....	70
133520-A	<b>Magnesite</b> , calcined or dead burned, ▶in bags, boxes or drums .....	55
	<b>MEATS OR SHORTENING GROUP:</b> subject to item 134400	
△134472-A	NOTE—Does not apply on bacon or pork rinds or skins, or on fat with skin attached prepared as snack foods and packaged in individual retail units; for classes, see item 73260.	
△134530-A	<b>Lard</b> , NOI; <b>Rendered Pork Fats</b> , see Note, item 134472; or <b>Shortening</b> , NOI, see Note, item 134536; in boxes, drums or Packages 275, 1000, 2257, 2288, 2330 or 2415, see Note, item 134534 .....	65
134534-A	NOTE—Also applies in solidified or flaked form ▶in bags.	
△134536-A	NOTE—Provisions on shortening, NOI, apply only when made of meat fats or blends of meat fats and vegetable oils, and only when represented and labeled as shortening.	
	<b>METALS GROUP:</b> subject to item 135300	
135910-A	<b>Manganese Metal</b> , ▶in bags, boxes or drums .....	60
136470-A	<b>Terne Ashes, Dross or Skimmings</b> , etc...☒Cancel; obsolete.	
	<b>MUSICAL INSTRUMENTS, OR PARTS NAMED:</b> subject to item 138800	
139020-A	<b>Orchestrions (Automatic Bands or Orchestras)</b> , etc...☒Cancel; obsolete.	
139160-A	<b>Organs</b> , NOI, see Note, item 139166, ▶in boxes, crates or Packages 1225 or 2001 .....	125
139165-A	<b>Organs, Pianos, Keyboards or Synthesizers</b> , electronic or digital, see Notes, items 139166 and 139167, ▶in boxes or Packages 1225, 2001, 2061, 2100, 2124, 2214, 2229 or 2252.....	125
△139166-A	NOTE—Also applies on one bench or stool shipped in the same package.	
△139167-A	NOTE—Does not apply on acoustic pianos that have electronic or digital components or functions. Such pianos are classified in item 139420, naming 'Pianos, NOI.'	
139240-A	<b>Piano Case Backs</b> , in the white, etc...☒Cancel; obsolete.	
139420-A	<b>Pianos</b> , NOI, see Note, item 139421, ▶in boxes or Packages 2061, 2100, 2124, 2469 or 2486 .....	100
△139421-A	NOTE—Also applies on one bench or stool shipped in the same package.	
	<b>NICKEL GROUP:</b> subject to item 139740	
139830-A	<b>Boxes or Pots</b> , annealing or carbonizing, new, nickel-iron-chromium alloy...☒Cancel; obsolete.	
139860-A	<b>Dross</b> , nickel, etc...☒Cancel; obsolete.	
139880-A	<b>Flats</b> , etc...☒Cancel; obsolete.	
139975-A	<b>Tape</b> , nickel-iron-chromium alloy, etc...☒Cancel; obsolete.	
	<b>NICKEL-SILVER:</b> subject to item 140700	
140780-A	<b>Hooks</b> , NOI, not plated, etc...☒Cancel; obsolete.	
140820-A	<b>Moldings</b> , etc...☒Cancel; obsolete.	
141080-A	☑ <b>Nitrostarch</b> , wet, with not less than 20 percent of water, etc...☒Cancel; see item 44515.	
141100-A	☑ <b>Nitrostarch</b> , wet, with not less than 30 percent of solvent, etc...☒Cancel; obsolete.	
	<b>OFFICE OR STORE EQUIPMENT GROUP:</b> subject to item 142000	
142480-A	<b>Typewriter Copy Holders</b> , KD, etc...☒Cancel; obsolete.	
	<b>OIL, WATER OR GAS WELL GROUP:</b> subject to item 142700	
143210-A	<b>Guide Wings</b> , shot hole; wire, cement and fiberboard or metal combined, etc...☒Cancel; obsolete.	
143590-A	<b>Plugs or Bridges</b> , shot hole; wire, fabric and cement combined, etc...☒Cancel; obsolete.	
	<b>OILS, OTHER THAN PETROLEUM:</b> subject to item 144600	
144640-A	☑ <b>Aniline</b> , etc...☒Cancel; see item 45615.	
145000-A	<b>Lubricating</b> , NOI:	
Sub 1	In metal cans in crates .....	85
Sub 2	▶In boxes or drums .....	65
145355-A	<b>Silicone Emulsions</b> , NOI, containing not less than 60 percent water:	
Sub 1	In metal cans in crates .....	85
Sub 2	▶In boxes.....	65
Sub 3	In bulk in drums .....	60
	<b>OUTFITS GROUP:</b> subject to item 147000	
147810-A	<b>Preheating</b> , such as used in general repair shops or foundries for preheating, tempering, annealing or brazing of metal or articles made of metal...☒Cancel; obsolete.	
	<b>PADS, PADDING AND RELATED ARTICLES GROUP:</b> subject to item 149000	
149030-A	<b>Batting, Batts, Wadding or Mattress Felt or Padding</b> , NOI, cotton, jute or sisal, see Note, item 149031, subject to Item 170:	
Sub 1	▶In bags or boxes, or in bales not compressed or bales compressed to less than 6 pounds per cubic foot .....	200
Sub 2	In bales compressed to 6 pounds per cubic foot but less than 12 pounds per cubic foot .....	100
Sub 3	In bales compressed to 12 pounds or greater per cubic foot .....	85
△149031-A	NOTE—Will not apply on finished pads nor on material which is knitted, quilted or stitched.	

ITEM	ARTICLE	CLASS
	<b>PAINTS GROUP:</b> subject to item 149500	
149580-A	<b>Blue</b> , ultramarine, forms or shapes, etc...☒Cancel; obsolete.	
149590-A	<b>Blue</b> , ultramarine, lumps or powdered:	
Sub 1	▶In inner containers in boxes .....	70
Sub 2	▶In bulk in bags, boxes or drums.....	55
	<b>PAPER:</b> subject to item 150600	
150780-A	<b>Carbonized Newsprint; or One-time Carbon Paper</b> , see Note, item 150784; ▶in boxes or wrapped rolls .....	55
150782-A	NOTE—☒Cancel; no further application.	
△150784-A	NOTE—Applies only on paper made from chemical or mechanical woodpulp, coated on only one side and designed for single or one-time use.	
	<b>PAPER ARTICLES GROUP:</b> subject to item 152000	
152720-A	<b>Covers</b> , toilet seat, ▶in boxes or Packages 215 or 2278 .....	65
153360-A	<b>Hat Packing Rings</b> , paperboard, slotted type, nested, etc...☒Cancel; obsolete.	
153380-A	<b>Hat Packing Rings or Stays</b> , paper or paperboard, nested, NOI, etc...☒Cancel; obsolete.	
153400-A	<b>Hat Packing Stays</b> , paperboard, slotted type, nested, etc...☒Cancel; obsolete.	
153980-A	<b>Pari-mutuel Tickets</b> , etc...☒Cancel; obsolete.	
154060-A	<b>Platforms</b> , cake, fiberboard, cloth, paper and plastic film combined, etc...☒Cancel; obsolete.	
154180-A	<b>Protectors</b> , pipe end, fiberboard, etc...☒Cancel; obsolete.	
154415-A	<b>Towels</b> , see Note, item 154418, ▶in boxes or Packages 215, 2278 or 2367:	
Sub 1	In rolls:	
Sub 2	Length of core 10 inches or less .....	100
Sub 3	Length of core greater than 10 inches .....	125
Sub 4	Other than in rolls, see Note, item 154416 .....	100
△154416-A	NOTE—Also applies on paper towels folded and placed in dispensers or holders.	
△154418-A	NOTE—Also applies when paper is bonded or laminated to reinforcing fibers or open mesh fabric.	
154570-A	<b>Papier-mache Goods</b> , NOI, etc...☒Cancel; obsolete.	
	<b>PETROLEUM PRODUCTS GROUP:</b> subject to item 155100	
△155126-A	NOTE—Petroleum oil, NOI, petrolatum or petrolatum preparations, prepared and represented as a remedy, medicine or lubricant for the human body, will be classed under the specification for medicines, NOI.	
155250-A	<b>Petroleum Oils, Greases and Related Products</b> , 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.:	
	<b>Adhesive or Coating</b> , air filtering element dust arresting;	
	<b>Alcohols</b> , inedible fatty, NOI;	
	<b>Fatty Acid</b> , petroleum;	
	<b>Naphthenic Acid</b> ;	
	<b>Oil</b> , NOI, see Notes, items 155126 and 155255;	
	<b>Paraffin Wax</b> ;	
	<b>Petrolatum, Petroleum Jelly or Petroleum Petrolatum Preparations</b> , see Note, item 155126;	
	<b>Petroleum Distillates or Petroleum Products</b> , NOI;	
	<b>Petroleum Wax</b> ;	
	<b>Transformer Oil</b> ;	
	▶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-A	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-A	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.	
155460-A	<b>Petroleum Xylidine</b> , etc...☒Cancel; see item 45615.	
	<b>PLASTIC MATERIALS, OTHER THAN EXPANDED, GROUP:</b> subject to item 156100	
▶156300-A	<b>Sheet or Plate</b> , 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 2187 or 2542, or on lift truck skids, pallets or platforms, see Note, item 156305:	
Sub 1	Greatest dimension exceeding 192 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 10.....	250
Sub 3	10 but less than 20 .....	100
Sub 4	20 or greater.....	77.5
Sub 5	Greatest dimension exceeding 96 inches but not exceeding 192 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 10.....	200
Sub 7	10 but less than 20 .....	92.5
Sub 8	20 or greater.....	70
Sub 9	Greatest dimension not exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 10	Less than 10.....	175
Sub 11	10 but less than 20 .....	85
Sub 12	20 or greater.....	65
156302-A	NOTE—▶Also applies when corrugated, crimped, channeled or ribbed, but does not apply when otherwise curved, bent or formed.	
156303-A	NOTE—☒Cancel; no further application.	
156304-A	NOTE—☒Cancel; no further application.	

ITEM	ARTICLE	CLASS
★156305	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. Exposed surfaces and edges must be completely wrapped with plastic film or corrugated fiberboard or protected by wood or similar material.	
156600-A	<b>PLASTIC OR RUBBER ARTICLES, OTHER THAN EXPANDED, GROUP:</b> subject to item 156500 <b>Articles, viz.:</b> <b>Articles, NOI;</b> <b>Boot or Shoe Forms or Trees</b> , other than display forms or trees; <b>Caps, Covers, Discs, Ends, Bands, Rings or Tops</b> , NOI, for bottles, cans, cups, collapsible tubes, glasses, jars or jugs; <b>Car Seats</b> , child or baby; <b>Columns</b> ; or other <b>Forms or Shapes</b> , NOI; architectural; <b>Containers</b> , packaging, NOI; <b>Dinnerware or Tableware</b> , NOI; <b>Filmstrip or Audio or Video Cassette Storage Albums</b> ; <b>Garbage or Refuse Cans</b> ; <b>Gloves</b> , see Note, item 156604; <b>Grips</b> , NOI, including <b>Golf Club, Hand Tool or Handlebar Grips</b> ; <b>Liners</b> , swimming pool, plastic film or sheeting; <b>Mats</b> , bathtub, shower stall, drainboard, sink or stove protector; <b>Molding</b> , other than baseboard or cove; <b>Motion Picture Film Cans, Cores, Magazines, Reels or Film Spools</b> , empty; <b>Pipe or Pipe Fittings</b> ; <b>Poultry Watering Systems</b> , see Note, item 156603; <b>Tanks</b> , NOI; <b>Tractor Treads</b> , rubber; <b>Tubing</b> , NOI, other than flexible; ▶ In boxes, crates, drums or Packages 1078, 1241, 1273 or 2213, see Note, item 156602, subject to Item 170 and having a density in pounds per cubic foot of: Less than 1..... 1 but less than 2..... 2 but less than 4..... 4 but less than 6..... 6 but less than 8..... 8 but less than 10..... 10 but less than 12..... 12 but less than 15..... 15 but less than 22.5..... 22.5 but less than 30..... 30 or greater.....	
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 or crates. 2. Rigid plastic pipe or tubing, or tubes other than containers, may be shipped in packages with threaded or belled ends protected. 3. Flexible plastic pipe or tubing, or tubes other than containers, may be shipped in coils with threaded or belled ends protected, or on reels. 4. Plastic pipe fittings may be shipped in packages with threaded or belled ends protected. 5. Flexible plastic fencing or mesh, produced by a stretching and extruding process, may be shipped in bundles or rolls. 6. Swimming pool and pond liners may be shipped in bundles or rolls. 7. Plastic plate or sheet with formed interior cells, cavities or flutes may be shipped securely fastened to lift truck skids, pallets or platforms and must not overhang the edges of the lift truck skid, pallet or platform deck. Exposed surfaces and edges must be completely wrapped with plastic film or corrugated fiberboard or protected by wood or similar material. 8. Cups or tumblers, without handles, may be shipped in Packages 2471 or 2505. 9. Plastic chairs may be shipped in Package 31F. 10. The following articles may be shipped in packages: a. Garbage or refuse cans; b. Plastic bottle carrying boxes or crates; c. Plastic tanks, other than outer shipping containers; d. Poultry watering systems.	
△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.	
△156604-A	NOTE—Does not apply on any commodity which is defined and specified as medical waste in Federal regulations. For applicable class, see item 101682.	
156855-A	<b>Golf Ball Centers</b> , solid or containing liquid, etc...☒Cancel; obsolete.	

ITEM	ARTICLE	CLASS
	<b>PLASTIC OR RUBBER ARTICLES OR MATERIALS, EXPANDED, GROUP:</b> subject to item 157300	
►157320-A	<b>Articles, Forms or Materials, viz.:</b> <b>Articles</b> , NOI, see Note, item 157321; <b>Beads</b> ; <b>Blocks</b> , NOI, see Note, item 157321; <b>Boot or Shoe Forms or Trees</b> , other than display forms or trees; <b>Boxes or Chests</b> , cooling, NOI, <b>or Coolers</b> , NOI, hand portable; <b>Containers</b> , liquid or beverage serving, hand portable; <b>Flakes or Granules</b> ; <b>Floats</b> , NOI; <b>Forms or Shapes</b> , NOI, see Note, item 157321; <b>Grips</b> , NOI, including <b>Golf Club, Hand Tool or Handlebar Grips</b> ; <b>Ground</b> ; <b>Ice Buckets</b> ; <b>Insulation</b> , NOI, see Notes, items 157321 and 157322; <b>Molding</b> , facing, baseboard or cove, including <b>Ceiling Medallions or Cornices</b> ; <b>Plates</b> , see Note, item 157321; <b>Rods</b> ; <b>Sheets</b> , NOI, see Notes, items 157321 and 157322; <b>Shredded</b> ; <b>Slabs</b> , see Note, item 157321; <b>Tubes</b> , NOI; <b>Tubing</b> , NOI, other than flexible; In bags, boxes or drums, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1 .....	400
Sub 2	1 but less than 2 .....	300
Sub 3	2 but less than 4 .....	250
Sub 4	4 but less than 6 .....	175
Sub 5	6 but less than 8 .....	125
Sub 6	8 but less than 10 .....	100
Sub 7	10 but less than 12 .....	92.5
Sub 8	12 but less than 15 .....	85
Sub 9	15 but less than 22.5 .....	70
Sub 10	22.5 but less than 30 .....	65
Sub 11	30 or greater .....	60
★157321	NOTE—Also applies when faced one or both sides with other materials but does not apply on combinations of flexible cellular, expanded or foam plastic or rubber and cloth or fabric.	
★157322	NOTE—Does not apply on polypropylene in sheet form, polyethylene in sheet form or polystyrene in sheet form, when the packaged density as shipped is less than 1 pound per cubic foot. Such articles are classified in item 157463.	
157342-A	NOTE—☒Cancel; no further application.	
157344-A	NOTE—☒Cancel; see item 157321.	
157346-A	NOTE—☒Cancel; see item 157322.	
	<b>PLUMBERS' GOODS GROUP:</b> subject to item 158000	
158950-A	<b>Receptors</b> , shower bath, in boxes or crates:	
Sub 1	China or earthenware .....	85
Sub 2	Cast iron or plate or sheet steel .....	85
Sub 3	Cement or concrete, also ►in Package 2192 .....	70
	<b>POLE OR TRANSMISSION LINE CONSTRUCTION MATERIAL:</b> subject to item 160000	
160290-A	<b>Pole Steps</b> , wooden, etc...☒Cancel; obsolete.	
	<b>POST OFFICE EQUIPMENT GROUP:</b> subject to item 160800	
161050-A	<b>Units</b> , observation, sheet metal and glass combined, etc...☒Cancel; obsolete.	
	<b>PRINTED MATTER GROUP:</b> subject to item 161500	
161720-A	<b>Map or Chart Blanks</b> , U.S. weather, etc...☒Cancel; obsolete.	
	<b>PRINTERS' EQUIPMENT GROUP:</b> subject to item 162000	
162160-A	<b>Electrotype Plates or Electrotype Shells</b> , new or used, not worn out, etc...☒Cancel; obsolete.	
162320-A	<b>Galleys</b> , etc...☒Cancel; obsolete.	
162370-A	<b>Imposing or Make-up Table Tops</b> , cast iron, etc...☒Cancel; obsolete.	
162430-A	<b>Lithographic Printing Plates</b> , zinc, without transfer, or with worn out transfer, etc...☒Cancel; obsolete.	
162610-A	<b>Rules</b> , printers', brass, etc...☒Cancel; obsolete.	
162630-A	<b>Stereotype Plates</b> , new or used, not worn out, etc...☒Cancel; obsolete.	
162660-A	<b>Tables</b> , make-up, without iron tops, etc...☒Cancel; obsolete.	
162740-A	<b>Type</b> , set in chases or galleys, etc...☒Cancel; obsolete.	
162742-A	NOTE—☒Cancel; no further application.	
	<b>RAILWAY GROUP:</b> subject to item 165100	
	<b>Cars:</b> subject to item 165800	
165840-A	Motor inspection, etc...☒Cancel; obsolete.	
165860-A	Motor section ...☒Cancel; obsolete.	

ITEM	ARTICLE	CLASS
	<b>RAILWAY GROUP:</b> subject to item 165100	
	<b>Cars</b> , railway, not moved on own wheels: subject to item 165880	
165910-A	Right-of-way discer cars (power discer equipment mounted on self-propelled four-wheel railway car) ... <input type="checkbox"/> Cancel; obsolete.	
165920-A	Right-of-way mowing cars (power mowing equipment mounted on four-wheel railway car), etc... <input type="checkbox"/> Cancel; obsolete.	
165950-A	Weed burner, power, four-wheeled, self-propelled ... <input type="checkbox"/> Cancel; obsolete.	
168480-A	<b>Underframes</b> , car or locomotive tender, steel... <input type="checkbox"/> Cancel; obsolete.	
168520-A	<b>Ventilators</b> , railway car roof, steel, etc... <input type="checkbox"/> Cancel; obsolete.	
169610-A	<b>Rifles or Carbines</b> , obsolete, unserviceable or used, actual value not exceeding \$12.00 each, see Note, item 169612, etc... <input type="checkbox"/> Cancel; obsolete.	
169612-A	NOTE— <input type="checkbox"/> Cancel; no further application.	
169770-A	<b>Roll Protectors</b> , cloth, etc... <input type="checkbox"/> Cancel; obsolete.	
	<b>ROOFING OR SIDING MATERIALS GROUP:</b> subject to item 170000	
170490-A	<b>Shingles</b> , tin plate, etc... <input type="checkbox"/> Cancel; obsolete.	
171390-A	<b>Rovings</b> , flax, jute or jute and istle combined, etc... <input type="checkbox"/> Cancel; obsolete.	
171430-A	<b>Rubber Nut Kernel Meal</b> , etc... <input type="checkbox"/> Cancel; obsolete.	
172160-A	<b>Rubber Preservative</b> , NOI, ►in boxes or drums .....	70
172180-A	☉Rum, denatured, etc... <input type="checkbox"/> Cancel; obsolete.	
	<b>SHEET STEEL ARTICLES GROUP:</b> subject to item 174300	
174560-A	<b>Coal Hods (Scuttles) or Vases</b> , etc... <input type="checkbox"/> Cancel; obsolete.	
174562-A	NOTE— <input type="checkbox"/> Cancel; no further application.	
174640-A	<b>Dinner Pails</b> , consisting of several parts placed within pail, etc... <input type="checkbox"/> Cancel; obsolete.	
175240-A	<b>Wash-boilers</b> , galvanized or tinned, with or without copper bottoms, etc... <input type="checkbox"/> Cancel; obsolete.	
	<b>SHELLS:</b> subject to item 175360	
175430-A	<b>Crab or Lobster</b> , not ground, etc... <input type="checkbox"/> Cancel; obsolete.	
175470-A	<b>Pearl</b> , NOI, etc... <input type="checkbox"/> Cancel; obsolete.	
176500-A	<b>Sizing</b> , casein, etc... <input type="checkbox"/> Cancel; obsolete.	
★181823	<b>Tape</b> , friction or insulating, NOI, including <b>Electrical Tape</b> , in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 1 .....	400
Sub 2	1 but less than 2 .....	300
Sub 3	2 but less than 4 .....	250
Sub 4	4 but less than 6 .....	175
Sub 5	6 but less than 8 .....	125
Sub 6	8 but less than 10 .....	100
Sub 7	10 but less than 12 .....	92.5
Sub 8	12 but less than 15 .....	85
Sub 9	15 but less than 22.5 .....	70
Sub 10	22.5 but less than 30 .....	65
Sub 11	30 or greater .....	60
	<b>TIN:</b> subject to item 182800	
182830-A	<b>Ashes, Dross, Skimmings or Sweepings</b> , etc... <input type="checkbox"/> Cancel; obsolete.	
	<b>TOBACCO, MANUFACTURED, GROUP:</b> subject to item 183100	
183120-A	<b>Cigarettes, Cigars or Cigarillos</b> , ►in boxes, see Note, item 183121, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 6 .....	200
Sub 2	6 but less than 10 .....	110
Sub 3	10 or greater .....	85
△183121-A	NOTE—Also applies when inner containers consist of ornamental boxes.	
183160-A	<b>Tobacco</b> , smokeless, including <b>Chewing Tobacco (Chew), Dipping Tobacco (Dip), Snuff, Plug or Twist</b> , see ►Note, item 183161, ►in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 12 .....	100
Sub 2	12 or greater .....	77.5
△183161-A	NOTE—Also applies on <b>Imitation Tobacco</b> or tobacco mixed with other ingredients.	
183170-A	<b>Tobacco</b> , smoking, including <b>Hookah, Shisha or Pipe Tobacco</b> , cut or granulated, see Note, item ►183161, in boxes, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 7 .....	175
Sub 2	7 but less than 9 .....	125
Sub 3	9 or greater .....	92.5
183171-A	NOTE— <input type="checkbox"/> Cancel; no further application.	
	<b>WASTE MATERIALS GROUP:</b> subject to item 194200	
194540-A	☉Castor Pomace or Castor Pomace and Cottonseed Meal, physically mixed, etc... <input type="checkbox"/> Cancel; obsolete.	



**SPECIFICATIONS FOR NUMBERED PACKAGES**

<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1059</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1060</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1093</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1109</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1118</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1135</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1195</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1205</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1214</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1235</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1240</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1245</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1246</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1248</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1297</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 1456</b>
<input checked="" type="checkbox"/> Cancel; no further application.	<b>Package 2037</b>

## SPECIFICATIONS FOR NUMBERED PACKAGES

**Package 2060**☒ Cancel; no further application.**Package 2195**☒ Cancel; no further application.**Package 2212**☒ Cancel; no further application.**Package 2230**☒ Cancel; no further application.**Package 2459**☒ Cancel; no further application.

## 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
°C	degree Centigrade (Celsius)	sq. ft.	square foot; square feet
CFR	Code of Federal Regulations	sq. in.	square inch(es)
cm	centimeter(s)	STB	Surface Transportation Board
COD	Collect on Delivery	SU	Set Up
Cont'd	Continued	t/a	trading as
cu	cubic	t/d/b/a	trading and doing business as
cu. ft.	cubic foot; cubic feet	™	Trademark
DOT	Department of Transportation	UN	United Nations
d/b/a	doing business as	U.S.	United States
etc.	et cetera (and other things, or the rest; and so forth)	USC	United States Code
°F	degree Fahrenheit	viz.	namely
g	gram	vol.	volume
gal	gallon(s)	vs.	versus
in.	inch(es)	&	and
incl.	inclusive	°	degree
ISTA	International Safe Transit Association	%	percent
KD	Knocked Down	§	Section
kg	kilogram	☼	Indicates commodity or commodities may be subject to special federal regulations concerning the shipping of hazardous materials. See Item (Rule) 540 herein.
kPa	Kilopascal	►	Indicates change
L	liter	☒	Indicates cancelation of item or package
lbs.	pounds	△	Indicates that the item is being brought forward without change
m	meter(s)	★	Indicates new item, package or participating carrier
ml	milliliter(s)	Ⓐ	Addition to Index to Articles
mm	millimeter(s)	Ⓑ	Eliminate from Index to Articles
MPa	Megapascal	Ⓒ	Change in Index to Articles
NMFC	National Motor Freight Classification	Ⓔ	These provisions are subject to the expiration date as shown in Item (Rule) 535.
NMFTA	National Motor Freight Traffic Association, Inc.	①	The participation of this carrier is CANCELED; provisions of this Classification no longer apply for account of this carrier.
NOI	Not more specifically described herein	Ⓟ	Under postponement
o/a	operating as	®	Registered trade name or registered trademark
oz.	ounce(s)	⊕	Effective March 10, 2022, under authority of 49 CFR §1312.6(b)(3).
pcf	pounds per cubic foot	●	Indicates correction of printing error
psi	pounds per square inch		
qt.	quart		
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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