



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

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## **Supplement 2 to NMF 100-AU**

*(Supplements 1 and 2 contain all changes)*

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Carriers and other transportation companies who use or refer to any provisions of the National Motor Freight Classification® are required to be bona fide participants in the Classification.

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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
①AXRN	Atcheson's Express, Inc., Ontario, CA .....	499031	292011
①BRTC	Brown Transfer Company, LLC, BC Freightways, d/b/a, Kearney, NE .....	54778	107037
①HATL	Hall's, L. C. Truck Line, Inc., Tillamook, OR .....	113803	40003
HMES	▲Holland, USF Holland, Inc., d/b/a, Overland Park, KS .....	75806	59206
①PAWN	Pawnee Transfer, Inc., Humboldt, NE .....	53280	99464
RETL	▲Reddaway, USF Reddaway, Inc., d/b/a, Overland Park, KS .....	62227	65895
①SMCQ	Smith, W. Cartage Company, Inc., Crystal Lake, IL .....	146351	138550
▲TFIN	▲TForce Freight, Inc., Richmond, VA .....	121058	109533
TMSC	▲TMS Motorfreight Service, Tacoma Moving and Storage d/b/a, Tacoma, WA .....	312895	202615
VALC	▲Valley Companies, Valley Cartage Company, Inc., d/b/a, Hudson, WI .....	47034	199728

**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
①FXTX	Fox Transport Co., Paxton, IL .....	128922

**PARTICIPATING 'TRUCKLOAD' CARRIER LICENSEES**

*The following 'Truckload' carriers 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. All provisions of this Classification **EXCLUDING** commodity item numbers, their descriptions and classes, except as necessary to determine the packaging that is authorized by the NMFC for the commodities being shipped, are applicable for their account.*

SCAC	CARRIER NAME and DOMICILE	U.S. DOT Number	MC Number
UVSI	▲UACL Specialized, LLC (Div of ETI), Warren, MI .....	854744	376139

**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
⊕★LDSH	Landside LLC, Doral, FL .....	3657677	1263283

**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
183-B	2	18266-A	2	30400-A	1	42320-A	2	45463-A	1	49880-A	2
220-A	2	18267-A	2	30860-A	1	42330-A	2	45464-A	1	49881-A	2
235-B	2	18268-A	2	30900-A	1	42350-A	2	45467-B	2	49885-A	2
240-A	2	19480-A	2	32100-A	2	42380-A	2	45468-B	2	49886-A	2
250-A	2	21420-A	1	★32102	2	42381-A	2	★45470	2	50020-A	2
257-A	1	21495-A	1	32104-A	2	42390-A	2	★45471	2	50023-A	2
258-A	1	21560-A	1	32106-A	2	42410-A	2	★45472	2	50086-A	2
260-A	1	21620-A	1	32280-A	1	42436-A	2	45480-A	1	50087-A	2
270-A	1	22060-A	2	32282-A	1	42450-A	2	45615-B	2	50155-A	1
296-A	1	22170-A	1	32284-A	1	★42451	2	45616-B	2	50157-A	1
680-A	2	22172-A	1	32570-A	1	42500-A	2	45618-A	1	50180-A	1
682-A	1	22300-A	1	32590-A	1	42600-A	1	45680-A	2	50185-A	1
1060-A	2	22310-A	1	32850-A	1	42603-A	1	45750-A	1	50227-A	2
4620-A	2	22320-A	1	33880-A	2	42604-A	1	45900-A	2	50228-A	2
4621-A	2	22330-A	1	33881-A	2	42620-A	1	45960-A	2	50229-A	2
4622-A	2	22332-A	1	34090-A	1	42647-B	2	46023-A	2	50240-B	2
8540-A	1	22470-A	1	34092-A	1	42648-B	2	46030-A	2	50241-A	2
10380-A	1	22472-A	1	34120-A	1	42649-A	2	46031-A	2	50260-B	2
★13450	2	22920-A	1	34720-A	2	42655-A	1	46032-A	2	50261-A	2
★13451	2	23160-A	1	35570-A	2	42660-A	2	46270-A	2	50312-A	2
13490-A	2	23162-A	1	35930-A	1	42661-A	2	46290-A	1	50313-A	2
13795-A	1	23260-A	1	36700-A	1	42920-A	1	46340-B	2	50314-A	2
14020-A	1	23360-A	1	36712-A	1	43490-A	1	46341-A	2	50340-A	1
14022-A	1	23880-A	1	36750-A	1	43510-A	2	46360-B	2	50395-A	2
14280-A	1	23900-A	1	36800-A	1	43865-A	2	46361-A	2	50475-A	2
14530-A	2	23910-A	1	37150-A	1	44155-B	2	46480-A	2	50476-A	2
★14535	2	23940-A	1	37200-A	1	44156-B	2	46530-A	2	53180-A	1
★14536	2	24120-A	2	37300-A	1	44380-A	2	46690-A	2	53181-A	1
14540-A	2	24220-A	2	37310-A	1	44381-A	2	46850-A	2	53182-A	1
14560-A	2	24240-A	2	38600-A	1	44500-B	2	46870-A	2	53183-A	1
15220-A	2	24242-A	2	38840-A	1	44501-B	2	46890-A	2	54230-A	2
15221-A	2	24260-A	2	38950-A	1	44515-B	2	46910-A	2	54670-A	2
15260-A	2	24280-A	2	38960-A	1	44516-B	2	46920-B	2	55060-A	2
15380-A	2	24282-A	2	38965-A	1	44570-B	2	46921-A	2	55500-A	2
15382-A	2	24740-A	1	38966-A	1	44571-A	2	46930-A	2	55510-A	2
15420-A	2	24742-A	1	★39120	2	★44625	2	46970-A	2	55895-A	2
15730-A	1	24910-A	1	39710-A	2	★44626	2	46990-A	1	55897-A	2
15732-A	1	25120-A	1	40340-A	2	44690-A	2	46992-A	1	55905-A	2
15770-A	1	25331-A	1	40380-A	2	44720-A	1	47100-A	2	56210-A	2
15772-A	1	25610-A	1	40560-A	1	44855-A	2	47110-A	2	56400-A	2
15773-A	1	26490-A	1	40610-A	2	44910-A	2	47650-A	2	56401-A	2
15897-A	1	27140-A	1	40960-A	2	44920-A	2	47651-A	2	56545-A	2
16653-A	1	27660-A	1	40970-A	2	44950-A	2	48375-A	2	★56546	2
16657-A	1	27780-A	2	40980-A	2	44960-A	2	48383-A	2	★56547	2
16658-A	1	27800-A	2	42300-A	2	45260-A	2	48580-A	2	56710-A	2
16910-A	1	27802-A	2	42310-A	2	★45322	2	48583-A	2	56711-A	2
18260-A	2	28705-A	1	42312-A	2	★45323	2	48585-A	2	56714-A	2
18262-A	2	29090-A	1	42315-A	2	★45324	2	49390-A	2	56785-A	2
18265-A	2	30300-A	1	42318-A	2	45325-A	2	49392-A	2	56786-A	2

**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	PACKAGE	SUP
★56787	2	70012-A	2	86540-A	1	138462-A	2	171260-A	2	19	1
★56788	2	70680-A	2	86700-A	1	139640-A	2	171262-A	2	23	1
★56789	2	70681-A	2	86701-A	1	139642-A	2	171410-A	2	37	1
56790-A	2	71000-A	2	86702-A	1	140940-A	1	172680-A	2	46	1
56791-A	2	71002-A	2	86900-A	1	140942-A	1	176050-A	2	85	1
56792-A	2	71004-A	2	86902-A	1	144790-B	2	176051-A	2	106	1
57100-B	2	71006-A	2	87700-A	2	144791-A	2	176052-A	2	133	1
57101-B	2	71120-A	2	88160-A	1	149520-B	2	176053-A	2	169	2
57102-B	2	71121-A	2	88161-A	1	149521-A	2	176054-A	2	183	1
57103-A	2	★71122	2	91360-A	2	149610-A	2	176370-A	1	195	1
57580-A	2	★71123	2	94880-A	2	149612-A	2	177120-A	2	198	1
57900-A	2	71130-A	2	96360-A	1	149980-A	2	177122-A	2	200	1
58520-A	1	71240-A	2	101682-A	2	149982-A	2	★177400	2	210	1
58692-B	2	71840-A	2	101683-A	2	155050-B	2	★177401	2	220	1
58770-B	2	72040-A	1	101720-A	2	155051-B	2	177430-A	2	221	1
58771-A	2	72042-A	1	101721-A	2	155052-B	2	177432-A	2	245	1
58772-B	2	72043-A	1	103080-A	2	155053-B	2	177434-A	2	247	1
58773-B	2	72270-A	1	109700-A	1	155054-B	2	177450-B	2	248	1
58960-A	2	72271-A	1	109701-A	1	155126-B	2	177470-A	2	255	1
59070-A	2	★72310	2	109702-A	1	155250-B	2	177500-A	2	264	1
59420-B	2	★72311	2	109703-A	1	155252-B	2	177520-A	2	266	1
59421-B	2	72460-A	2	109704-A	1	155255-B	2	177540-A	2	279	2
60280-B	2	72560-A	1	109705-A	1	156200-B	2	177560-A	2	301	1
60281-A	2	72561-A	1	109706-A	1	156240-A	2	177580-A	2	310	1
62647-A	1	72680-A	1	111450-A	2	156241-A	2	177600-A	2	352	1
62725-A	2	72681-A	1	111451-A	2	156300-A	1	177620-A	2	359	1
62740-A	2	72910-A	2	116030-A	1	156302-A	1	177640-A	2	360	1
63570-B	2	72911-A	2	116031-A	1	156303-A	1	178160-A	1	361	2
63571-B	2	72914-A	2	116033-A	1	156304-A	1	★178161	1	391	2
63572-A	2	72916-A	2	116034-A	1	156600-A	2	178162-A	1	397	2
64460-A	2	72917-A	2	116035-A	1	156602-A	2	187470-A	2	399	2
65660-A	2	73227-B	2	116036-A	1	156603-A	2	187471-A	2	401	2
65780-A	2	73229-B	2	116037-A	1	156604-A	2	193821-A	2	404	2
65800-A	2	73233-B	2	116038-A	1	156830-A	2	193823-A	2	405	2
67050-A	2	73235-B	2	123600-A	2	156831-A	2	193860-A	2	410	2
67051-A	2	★73260	1	123601-A	2	156832-A	2	196160-A	2	413	2
67052-A	2	★73261	1	124265-A	1	156834-A	2	196161-A	2	414	2
67940-A	2	73270-A	1	130500-A	2	159000-A	2	196162-A	2	498	2
67960-A	2	74150-A	2	130502-A	2	★160420	2	196180-A	2	518	2
67970-A	2	74450-A	1	130504-A	2	★160421	2	196181-A	2	579	2
68660-A	2	74451-A	1	130506-A	2	164240-A	1	199770-A	1	591	2
68960-A	2	74495-A	1	130508-A	2	164390-A	2	200430-A	2	600	1
69790-A	2	74720-A	2	133300-A	2	164391-A	2	200432-A	2	601	2
69930-A	2	74800-A	1	134010-A	2	164393-A	2	250100-A	1	678	2
69932-A	2	74801-A	1	134012-A	2	164394-A	2	250150-A	1	1014	1
69980-A	2	74910-A	1	134470-A	1	170060-A	2	300100-A	1	1190	1
69990-A	2	82285-A	1	134472-A	1	170061-A	2	300105-A	1	1291	1
70000-A	2	82286-A	1	138460-A	2	170080-A	2	★500200	1	1380	1
70010-A	2	83390-A	1	138461-A	2	170081-A	2			1381	1

**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.*

PACKAGE	SUP	PACKAGE	SUP	PACKAGE	SUP	PACKAGE	SUP	PACKAGE	SUP	PACKAGE	SUP
1388	1	2032	1	2322	1	2379	1				
1425	1	2180	1	2336	1	2395	1				
2009	1	2226	1	2369	1	2467	1				

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 2021

## INDEX TO ARTICLES

Article	Item	Article	Item	Article	Item
<b>Cement(s): (Cont'd)</b>		<b>Coating(s): (Cont'd)</b>		<b>Compound(s): (Cont'd)</b>	
Ⓐ Adhesive, NOI, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	4620	Ⓐ Air filtering element dust arresting, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	155250	Ⓑ Cleaning, corrosive .....	44155
Ⓑ Roofing, NOI, not required by DOT to bear a Hazard Class or Hazard Division label .....	170060	Ⓑ Roofing, having asphalt, pitch, rosin or tar base, other than paint, stain or varnish and not required by DOT to bear a Hazard Class or Hazard Division label .....	170080	Ⓑ Cleaning, NOI, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	48580
Ⓐ Roofing, NOI, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	170060	Ⓐ Roofing, having asphalt, pitch, rosin or tar base, other than paint, stain or varnish and not required by DOT to bear a Hazard Class or Hazard Division label or placard ...	170080	Ⓑ Cleaning, toxic .....	45615
Ⓐ Cereals .....	72310	Ⓐ Color, mortar, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	149980	Ⓑ Concrete waterproofing, liquid or paste, not required by DOT to bear a Hazard Class or Hazard Division label .....	33880
Ⓑ Cereals:		Ⓑ Color(s):		Ⓐ Concrete waterproofing, liquid or paste, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	33880
Ⓑ Bran or bran and wheat combined, not popped nor puffed, ready for human consumption .....	42330	Ⓑ Butter .....	50020	Ⓑ Fatty quaternary, not required by DOT to bear a Hazard Class or Hazard Division label .....	144790
Ⓑ Combination packs, ready for human consumption .....	42350	Ⓑ Cheese .....	50023	Ⓐ Fatty quaternary, not required by DOT to bear a Hazard Class or Hazard Division label or placard ...	144790
Ⓑ Cracked, ground, granulated, hulled or rolled, requiring cooking or further preparation with boiling water .....	42310	Ⓑ Coal tar, other than indigo and not required by DOT to bear a Hazard Class or Hazard Division label .....	44380	Ⓑ 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
Ⓑ Granola, other than puffed or popped; ready for human consumption .....	42380	Ⓑ Mortar, not required by DOT to bear a Hazard Class or Hazard Division label .....	149980	Ⓐ 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 or placard .....	67050
Ⓑ Granulated, ready for human consumption .....	42390	Ⓐ Colors, coal tar, other than indigo and not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	44380	Ⓑ Flavoring, NOI, not required by DOT to bear a Hazard Class or Hazard Division label .....	72910
Ⓑ Infant's .....	42318	Compound(s):		Ⓐ Flavoring, NOI, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	72910
Ⓑ NOI .....	42315	Ⓑ Adhesive increasing, reducing, removing, thickening or thinning, not required by DOT to bear a Hazard Class or Hazard Division label .....	149980	Ⓑ Glazier's, NOI, other than foam, cellular or expanded plastic or rubber and not required by DOT to bear a Hazard Class or Hazard Division label .....	149610
Ⓑ Popped or puffed, not confection coated, ready for human consumption, other than popped popcorn .....	42410	Ⓐ Adhesive increasing, reducing, removing, thickening or thinning, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	149980	Ⓐ Glazier's, NOI, other than foam, cellular or expanded plastic or rubber and not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	149610
Ⓑ Wheat and bran combined, not popped nor puffed, ready for human consumption .....	42330	Ⓑ Bleach assistant, NOI, not required by DOT to bear a Hazard Class or Hazard Division label .....	50086	Ⓑ Gum increasing, reducing, removing, thickening or thinning, not required by DOT to bear a Hazard Class or Hazard Division label .....	149980
Ⓑ Wheat, steam cooked and oil coated .....	42436	Ⓐ Bleach assistant, NOI, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	50086	Ⓐ Gum increasing, reducing, removing, thickening or thinning, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	149980
Charcoal:		Ⓑ Bottlers' flavoring, NOI, not required by DOT to bear a Hazard Class or Hazard Division label .....	72910	Ⓑ Industrial process water treating, not required by DOT to bear a Hazard Class or Hazard Division label .....	50227
Ⓑ Coconut shell or nut shell, NOI, not activated .....	42450	Ⓐ Bottlers' flavoring, NOI, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	72910	Ⓐ Industrial process water treating, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	50227
Ⓐ Coconut shell, nut shell, NOI, or fruit pit, not activated, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	42450	Ⓑ Caulking, NOI, other than foam, cellular or expanded plastic or rubber and not required by DOT to bear a Hazard Class or Hazard Division label .....	149610	Ⓑ Ink reducing, thickening or thinning, not required by DOT to bear a Hazard Class or Hazard Division label .....	101720
Ⓑ Fruit pit, not activated .....	42450	Ⓐ Caulking, NOI, other than foam, cellular or expanded plastic or rubber and not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	149610		
Ⓐ Charcoal Briquettes, coconut shell, nut shell, NOI, or fruit pit, not activated, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	42450				
Checks:					
Ⓑ Baggage or parcel, metal or paper ...	42500				
Ⓐ Chemical Oxygen Generators .....	45470				
Ⓑ Citrons, in brine .....	72460				
Ⓑ Cleaning Compounds, corrosive .....	44155				
Ⓑ Cleaning Compounds, NOI, not required by DOT to bear a Hazard Class or Hazard Division label .....	48580				
Ⓐ Cleaning Compounds, NOI, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	48580				
Ⓑ Cleaning Compounds, toxic .....	45615				
Ⓐ Clinical Waste .....	101682				
Ⓑ Clinker, gas retort, carbon .....	40610				
Coating(s):					
Ⓑ Air filtering element dust arresting, not required by DOT to bear a Hazard Class or Hazard Division label .....	155250				



## INDEX TO ARTICLES

Article	Item	Article	Item	Article	Item
<b>Compound(s): (Cont'd)</b>		<b>Compound(s): (Cont'd)</b>		<b>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</b> ..... 67050	
Ⓐ Ink reducing, thickening or thinning, not required by DOT to bear a Hazard Class or Hazard Division label or placard.....	101720	Ⓑ Resin increasing, reducing, removing, thickening or thinning, not required by DOT to bear a Hazard Class or Hazard Division label.....	149980	Ⓐ 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 or placard.....	67050
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			58770, 155250	ⒶPersonal Care Products, not required by DOT to bear a Hazard Class or Hazard Division label or placard - as listed.....	
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<b>S</b>		ⓑ Sodium Sulfhydrate, not required by DOT to bear a Hazard Class or Hazard Division label .....	46360	ⓑ Chemically hardened fiber and metal combined .....	177520
ⓑ Sauerkraut .....	74720	Ⓐ Sodium Sulfhydrate, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	46360	ⓑ Chemically hardened fiber and pulpboard combined .....	177520
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ⓑ Scouring Compounds, NOI, not required by DOT to bear a Hazard Class or Hazard Division label .....	48580	<b>Solution(s):</b>		ⓑ Chemically hardened paper .....	177540
Ⓐ Scouring Compounds, NOI, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	48580	ⓑ Chlorinated phenol petroleum, not exceeding 5% chlorinated phenol by weight and not required by DOT to bear a Hazard Class or Hazard Division label .....	47650	ⓑ Chemically hardened paper and wood combined .....	177540
<b>Scrap(s):</b>		Ⓐ Chlorinated phenol petroleum, not exceeding 5% chlorinated phenol by weight and not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	47650	ⓑ Compressed ground wood .....	177560
ⓑ Acid fish .....	69980	ⓑ Tin tetrachloride, aqueous .....	47110	ⓑ Fiberboard wallboard ends and fiberboard drums .....	177560
ⓑ Fish, NOI, dry, not ground, pulverized nor screened .....	69980	ⓑ Tributyltin compound petroleum, not exceeding 5% tributyltin compound by weight and not required by DOT to bear a Hazard Class or Hazard Division label .....	187470	ⓑ Fiberboard wallboard heads and fiberboard drums .....	177560
<b>Seats:</b>		Ⓐ Tributyltin compound petroleum, not exceeding 5% tributyltin compound by weight and not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	187470	ⓑ Iron .....	177580
ⓑ Bathtub, baby, nested .....	172680	ⓑ Windshield washer cleaning or antifreeze, not required by DOT to bear a Hazard Class or Hazard Division label .....	50475	ⓑ Iron and wood combined .....	177580
Ⓐ Bathtub, including Baby Bath Seats .....	159000	Ⓐ Windshield washer cleaning or antifreeze, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	50475	ⓑ Magnesium .....	177600
ⓑ Bathtub, removable, iron or steel .....	159000	<b>Solvent(s):</b>		ⓑ Magnesium alloy .....	177600
Ⓐ Shower .....	159000	ⓑ Ink, not required by DOT to bear a Hazard Class or Hazard Division label .....	101720	ⓑ Magnetic tape .....	13625
<b>Sections:</b>				Ⓐ Magnetic tape, aluminum, KD .....	13625
ⓑ Flag pole, staff or stick, aluminum .....	69990			ⓑ Nickel-silver .....	177500
Ⓐ Flag pole, staff or stick, NOI .....	160420			Ⓐ NOI .....	177400
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ⓑ Medical administration, aspirating or transference, expendable .....	56785			ⓑ Rubber composition .....	177640
Ⓐ Sharps .....	101682			ⓑ Steel .....	177580
<b>Sheet(s):</b>				ⓑ Steel and wood combined .....	177580
ⓑ Disposable, paper or nonwoven cloth .....	56545			ⓑ Wood and rubber composition combined .....	177640
ⓑ Shellacs, not required by DOT to bear a Hazard Class or Hazard Division label .....	149980			ⓑ Wooden .....	177580
Ⓐ Shellacs, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	149980			<b>ⓑ Staffs, flag:</b>	
<b>Shields:</b>				ⓑ Aluminum .....	69990
ⓑ Fender, automobile .....	18260			ⓑ Steel .....	70000
ⓑ Mud, automobile .....	18260			ⓑ Wood .....	70010
<b>Shot:</b>				Ⓐ Staffs, flag, NOI .....	160420
ⓑ Cupro-nickel .....	55060			<b>ⓑ Stains, NOI, not required by DOT to bear a Hazard Class or Hazard Division label</b> .....	149980
<b>ⓑ Singletrees:</b>				Ⓐ Stains, NOI, not required by DOT to bear a Hazard Class or Hazard Division label or placard .....	149980
ⓑ Steel .....	57580			<b>Stands:</b>	
ⓑ Wooden, finished .....	57590			ⓑ Flag .....	94880
ⓑ Wooden, in the rough .....	112440			Ⓐ Flag pole, staff or stick .....	160420
ⓑ Wooden, in the white .....	57580			<b>Stick(s):</b>	
Ⓐ Singletrees, wooden, finished .....	57590			ⓑ Flag, aluminum .....	69990
Ⓐ Singletrees, wooden, in the rough .....	112440			Ⓐ Flag, NOI .....	160420
				ⓑ Flag, steel .....	70000
				ⓑ Flag, wood .....	70010

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 2021

## RULES

## ITEM 183-B

## 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
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
★Bureau Veritas Shenzhen Company Ltd.	Nanshan District, Shenzhen, China	Larry Ching	86.755.86185200
China Packaging Research & Test Center	Tianjin, China	Wang Qing	86.22.66237185
FedEx Services Packaging Lab	Collierville, TN	Evan Edwards	901.850.3597
★gh Package & Product Testing and Consulting, Inc.	Fairfield, OH	Tim Glasmeier	513.870.0080
Intertek Testing Service Shenzhen Limited, Guangzhou Branch	Guangzhou, Guangdong, China	Bo Wang	86.20.82139764
Intertek Testing Services Shenzhen Ltd.	Shenzhen, Guangdong, China	Michael Zhang	86.755.2602.0286
Outlook Technical Services Vietnam Ltd.	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
★SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch	Guangdong Province, China	Heather Meng	86.757.2280.5851
UPS Customer Solutions - Package Design and Test Lab	Addison, IL	Jason Twu	630.628.3703
★WestRock	Carol Stream, IL	Jim Rivera	630.384.5237

## ►ITEM 220-A

## DEFINITION OF OR SPECIFICATIONS FOR BOXES—GENERAL

**Boxes** are containers with solid or closely fitted sides, ends, bottoms and tops. They must be made of wood, see Note 1, metal, plastic, see Note 2, or fiberboard, see Item 222, and must completely enclose their contents. Unless otherwise provided in individual items, boxes must be securely closed. The term does not include cylindrical, conical or taper-sided containers, which are specifically defined as: Drums, Pails or Tubes.

**Note 1**—Pressed wood chips, wafers or particle-type boards may be used in construction of wooden boxes. Boxes must be constructed so as to protect contents on the sides, ends, top and bottom, and in such manner that the box containing its contents may be taken into or out of the vehicle. Boxes must be designed and constructed with transverse cross-members at base, as necessary, to provide sufficient strength to protect the underside of the article packed therein against damage by mechanical handling equipment.

**Note 2**—Plastic boxes constructed of high-density polyethylene, self-supporting, rigid construction, not extruded nor expanded, must be molded by either injection molding, blow molding, rotational molding or thermal molding process. Tops or covers must be securely affixed.

## ITEM 235-B

## SPECIFICATIONS FOR BUNDLES, COILS, REELS OR ROLLS

**Bundles, coils or rolls** must be banded, strapped, wrapped or otherwise protected or secured in a manner that will permit handling into or out of vehicles as units and withstand the normal rigors of the less-than-truckload environment. Where necessary to afford adequate protection against damage, article(s) must be protected by packing forms or other packaging materials. When tendered on lift truck skids, pallets or platforms, bundles, coils or rolls must be securely fastened to and must not overhang the lift truck skid, pallet or platform deck.

**Reels** must have a core and two ends or heads of equal size with a diameter of 10 inches or more. When tendered on lift truck skids, pallets or platforms, reels must be securely fastened to the lift truck skid, pallet or platform, which must be of sufficient design, size and strength to support the size and weight of the reel and the article wound thereon. ►Except where more specifically provided in individual items, the last layer of the article must be lagged or wrapped between the flanges of the ends or heads with packaging material extending full width of the wound article and of sufficient strength to withstand the normal rigors of the less-than-truckload environment.



## RULES

## ►ITEM 240-A

**DEFINITION OF OR SPECIFICATIONS FOR CARBOYS**

**Carboys** are cylindrical or rectangular containers made of glass or plastic, ranging in volume from 19 to 60 liters (5 to 16 gallons). Carboys may or may not have a spigot or valve for dispensing the contents.

Each carboy must be in a box or crate. Necks of carboys may project through an opening in the top of the box or crate. Carboys completely enclosed in a box must have the sides of the box marked with directional arrows and other applicable precautionary markings as specified in Item 682. Glass carboys in crates or wood boxes must have packing forms or other packaging materials necessary to provide sufficient cushioning and protection to withstand the normal rigors of the less-than-truckload environment.

Carboys used for the transportation of hazardous materials must be in conformance with the applicable requirements of Title 49 of the Code of Federal Regulations (CFR).

## ►ITEM 250-A

**DEFINITION OF OR SPECIFICATIONS FOR CYLINDERS**

**Cylinders** are used for shipping materials under pressure and must be constructed in conformance with the applicable requirements of Title 49 of the Code of Federal Regulations (CFR). Materials authorized in this Classification to be shipped in steel cylinders will also be accepted in cylinders of other construction, provided that such materials are specifically authorized in the DOT's regulations or by DOT special permit to be shipped in such cylinders.

Cylinders tendered for shipment on lift truck skids, pallets or platforms must be secured to the lift truck skid, pallet or platform in a manner to withstand the normal rigors of the less-than-truckload environment. Cylinders oriented horizontally on lift truck skids, pallets or platforms must not overhang the lift truck skid, pallet or platform deck.

## 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.

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## RULES

## ITEM 680-A-Continued

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, articles tendered on reels shall be deemed to be in compliance when the reel is filled to not less than 65 percent of capacity. When filled to less than 65 percent of capacity, the gross weight of the reel and its contents will be subject to the class applicable to either the reel or its contents, whichever is higher.

**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).

#### 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.

#### Outer Containers (Packages) versus Inner Containers (Packages)

**Sec. 6. (a)** Outer containers are the shipping packages specified in individual item descriptions. Unless otherwise provided, the classes shown in connection therewith apply whether or not the contents are in inner containers.

**Sec. 6. (b)** Inner containers are packages that contain or hold the article(s) being shipped and are packed within an outer container (shipping package).

**Sec. 6. (c)** Unless otherwise provided in individual item descriptions, classes shown for articles in glass inner containers will also apply on the same articles in earthenware or molded plastic inner containers.

**Sec. 6. (d)** Where in individual items classes are provided for articles in metal inner containers, such classes 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.

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## RULES

**ITEM 680-A-Continued****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, Sec. 9. 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.

**Strapping or Taping of Articles or Packages**

**Sec. 9. (a)** Unless otherwise provided, where the use of rope, wire or metal bands or straps is specifically authorized or required, or where an article must be 'strapped,' metal, plastic or synthetic fiber strapping, or adhesive tape, may be used provided such strapping or tape is of sufficient strength so as to withstand the normal rigors of the less-than-truckload environment.

**Sec. 9. (b)** Unless otherwise provided, article(s) or package(s) may be secured to lift truck skids, pallets or platforms with metal, plastic or synthetic fiber strapping of sufficient strength so as to withstand the normal rigors of the less-than-truckload environment. Strapping must be placed in opposing directions, with at least two straps in each direction. Additional strapping is required on handling units exceeding 48 inches in length or width. Contact points that may be damaged by strapping must be protected by packing forms or other packaging materials.

**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.

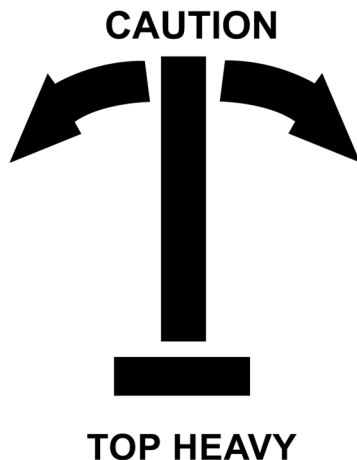
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## RULES

## ITEM 680-A-Continued

**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.

**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.

**Freight Requiring Protection from Rust or Corrosion, or from Freezing of Internal Liquids**

**Sec. 16. (a)** Articles liable to damage by rust or corrosion must be coated with rust- or corrosion-preventative compounds or preparations, or be protected by rust- or corrosion-prevention packaging.

**Sec. 16. (b)** Machinery or vehicles, including aircraft, automobiles or boats, containing water or other liquid subject to freezing must be drained or have such water or liquid adequately protected by suitable antifreeze compounds or preparations.

**► Freight that Must be Floor-Loaded**

**► Sec. 17.** Freight that cannot be safely top-loaded or decked for transport must be so marked on at least two adjacent sides of the handling unit. Such freight may include, but is not limited to: hazardous materials; top-heavy or unstable handling units; liquid or semi-liquid products in drums or pails; handling units consisting of articles in bags (see Item 680, Sec. 7(b)(2)); or freight in intermediate bulk containers (IBCs) that lack an integral stacking alignment or securing design feature (see Item 280).

ITEM	ARTICLE	CLASS
	<b>ABRASIVES GROUP:</b> subject to item 1010	
►1060-A	<b>Belts</b> , abrasive, 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>ADHESIVES GROUP:</b> subject to item 4605	
4620-A	<b>Adhesives</b> , NOI, <b>Adhesive Cements</b> , NOI, <b>Adhesive Glues</b> , NOI, or <b>Adhesive Pastes</b> , NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Notes, items 4621 and 4622, in bags, boxes, drums, pails, intermediate bulk containers (IBCs), portable tanks or Packages 1398, 2213, 2399, 2440, 2445, 2452, 2458, 2463, 2467, 2478, 2496, 2499, 2500, 2515, 2516, 2521, 2526, 2528 or 2530, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 20 .....	85
Sub 2	20 or greater .....	60
4621-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.	
△4622-A	NOTE—Also applies when one flat applicator for each inner container is included in the shipment.	
	<b>ALUMINUM:</b> subject to item 13100	
★13450	<b>Footwalks, Walkways or Gratings</b> , with or without handrails or interlocking bridges, in packages, see Note, item 13451:	
Sub 1	Greatest dimension exceeding 288 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 8 .....	400
Sub 3	8 but less than 12 .....	175
Sub 4	12 or greater .....	100
Sub 5	Greatest dimension exceeding 192 inches but not exceeding 288 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 8 .....	300
Sub 7	8 but less than 12 .....	150
Sub 8	12 or greater .....	92.5
Sub 9	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 10	Less than 8 .....	250
Sub 11	8 but less than 12 .....	125
Sub 12	12 or greater .....	85
Sub 13	Greatest dimension not exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 14	Less than 8 .....	200
Sub 15	8 but less than 12 .....	110
Sub 16	12 or greater .....	77.5
★13451	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.	
13490-A	<b>Gratings or Foot Walks</b> , with or without interlocking bridges, etc...☒Cancel; see item 13450.	
	<b>ARTISTS' OR CRAFTERS' MATERIALS OR SUPPLIES GROUP:</b> subject to item 14520	
14530-A	<b>Artists' Board</b> , pulpboard or fiberboard, cloth covered, painted or coated, etc...☒Cancel; see item 14535.	
★14535	<b>Artists' or Crafters' Materials or Supplies, viz.:</b> <b>Artists' Boards or Panels</b> , whether or not coated or cloth-covered; <b>Artists' Canvases;</b> <b>Artists' or Crafters' Materials or Supplies</b> , NOI; <b>Artists' or Crafters' Paints</b> , NOI, see Note, item 14536; <b>Craft Kits</b> , NOI; 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
★14536	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>ARTISTS' OR CRAFTERS' MATERIALS OR SUPPLIES GROUP:</b> subject to item 14520	
14540-A	<b>Artists' Materials or Paints</b> , NOI, including <b>Artists' Canvases</b> , etc...☒Cancel; see item 14535.	
14560-A	<b>Kits</b> , craft, NOI, etc...☒Cancel; see item 14535.	
	<b>ASPHALT GROUP:</b> subject to item 15200	
15220-A	<b>Asphalt (Asphaltum)</b> , natural, by-product or petroleum, liquid, other than paint, stain or varnish and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 15221, in containers in boxes, or in drums, pails or Package 2080 .....	55
15221-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.	
15260-A	<b>Pitch</b> , brewers' or pine, ►in boxes, drums, double bags or four-ply paper bags .....	55
15380-A	<b>Tar</b> , coal or petroleum, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 15221, in metal cans in boxes, or in drums or pails, see Note, item 15382 .....	55
△15382-A	NOTE—Will also apply on solid coal or petroleum tar, the melting point of which is over 140 degrees Fahrenheit, as determined by the Ball and Ring test in water or by the 1/2 inch Cube test in water, when shipped in fiber drums.	
15420-A	<b>Tar</b> , NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 15221, in metal cans in boxes, or in drums .....	55
	<b>AUTOMOBILE PARTS GROUP:</b> subject to item 17800	
18260-A	<b>Body Parts; Parts; or Trim; viz.:</b> <b>Body Parts</b> , NOI, see Notes, items 18262, 18265 and 18266; <b>Driving Gear or Steering Gear Parts</b> , NOI; <b>Frames or Holders</b> , automobile license plate or personal identification plate, plastic, with or without fasteners; <b>Louvers</b> , air conditioning, heating or ventilating; <b>Parts</b> , NOI, see Notes, items 18262, 18265 and 18266; <b>Pickup Truck Bed Liners</b> , molded plastic; <b>Pickup Truck Bed Storage Boxes or Organizers</b> , see Note, item 18268; <b>Repair Panels</b> , NOI, see Note, item 18267; <b>Running Boards</b> , NOI, with or without splash guards, step plates or lights; <b>►Shields, Guards or Flaps</b> , mud or fender; <b>Trim</b> , body, fender, front end, rear end or roof, see Notes, items 18262, 18265 and 18266; <b>Wheel Covers, Trim Rings or Rims, or Hubcaps</b> , other than grease caps; In packages, 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
△18262-A	NOTE—Also applies when parts or trim have weatherstripping, sound or shock absorbing or deadening material, or gaskets or similar material attached.	
△18265-A	NOTE—Applies on parts or trim, whether for interior or exterior installation and whether constituting a structural part of the body or constituting a part of the body interior furnishing or equipment.	
△18266-A	NOTE—Does not apply on: cellular, expanded or foam plastic or rubber insulation; pads or padding; carpets or carpeting; or tanks.	
△18267-A	NOTE—The term 'repair panels' embraces panels or patches such as headlight patches, dog legs, fender or body skins, or roof patches and applies only when formed from one piece of metal not finish painted and not suitable for use as original assembly parts.	
△18268-A	NOTE—Applies on storage boxes or organizers for installation in pickup truck beds, having enclosed drawers and a top that serves as a raised deck the full length and width of the truck bed.	
19480-A	<b>Shields, Guards or Flaps</b> , mud or fender, other than fender or wheel well side extensions, with or without metal fittings for attachment, etc...☒Cancel; see item 18260.	
22060-A	<b>Bases</b> , flagpole, concrete, with or without metal fittings, etc...☒Cancel; see item 160420.	
24120-A	<b>Blocks</b> , butchers'; <b>Cutting or Chopping Tables; or Butchers' Cutting or Chopping Table Tops</b> ; other than plastic or rubber, etc...☒Cancel; see item 39120.	
△24220-A	<b>Blood</b> , dried, see Note, item 24282, in bags or drums .....	50
△24240-A	<b>Blood</b> , liquid, human, frozen or chilled, NOI, see Note, item 24282, in refrigerated containers, see Note, item 24242.....	200
△24242-A	NOTE—Containers must be so constructed and sufficiently supplied with refrigerant to maintain a temperature of -12 degrees Centigrade for a 24-hour period for frozen blood or blood plasma; or blood or blood plasma must be chilled to at least 35 degrees Fahrenheit and containers must be supplied with refrigerant sufficient to maintain a temperature of 35 degrees Fahrenheit for a period of seventy-two hours.	
△24260-A	<b>Blood</b> , liquid, NOI, see Note, item 24282:	
Sub 1	In metal cans in crates .....	77.5
Sub 2	In inner containers in boxes, or in drums .....	70
△24280-A	<b>Blood Plasma</b> , see Note, item 24282:	
Sub 1	Dehydrated, in boxes .....	100
Sub 2	Liquid, frozen, in inner containers in boxes .....	200
Sub 3	Liquid, other than frozen, in inner containers in boxes .....	100

ITEM	ARTICLE	CLASS
24282-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.	
△27780-A	<b>Bones</b> , human, NOI, prepaid, see Note, item 27802, in boxes or drums .....	200
△27800-A	<b>Bones</b> , NOI, ground or not ground, see Note, item 27802, in bags or drums.....	50
27802-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.	
►32100-A	<b>BRICK GROUP:</b> subject to item 32000 <b>Brick</b> , building, common; <b>Brick</b> , building, pressed; <b>Brick</b> , channel or channel double; <b>Brick</b> , paving, NOI, see Note, item 32102; <b>Firebrick</b> ; <b>Shapes</b> , firebrick; In packages, subject to Item 170 and having a density in pounds per cubic foot of: Less than 30 ..... 30 or greater .....	70 55
Sub 1		
Sub 2		
★32102	NOTE—Does not apply on stone pavers or veneer stone.	
32104-A	NOTE—☒Cancel; no further application.	
32106-A	NOTE—☒Cancel; no further application.	
	<b>BUILDING MATERIALS, MISCELLANEOUS, GROUP:</b> subject to item 33570	
33880-A	<b>Cement, Concrete or Masonry Waterproofing Compound</b> , liquid or paste, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 33881: In carboys, or in glass in boxes .....	100
Sub 1		
Sub 2	In metal cans in boxes, or in drums, pails or Package 2513 .....	55
33881-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.	
34720-A	<b>Flashing, or Water or Vapor Barrier or Insulating Material</b> , aluminum, copper, lead or steel, combined with asphalt, fabric, fibers, paper, asbestos felt or rubber, ►in boxes, crates, wrapped rolls or Package 2196.....	70
35570-A	<b>Wood</b> , built-up or combined, covered with iron or steel, ►in crates .....	55
★39120	<b>Butchers' Blocks (Butcher Blocks); or Butchers' Cutting or Chopping Tables or Table Tops;</b> wood or wood and metal combined; in boxes or crates: Greatest dimension exceeding 192 inches, subject to Item 170 and having a density in pounds per cubic foot of: Less than 12 ..... 12 or greater ..... Greatest dimension exceeding 96 inches but not exceeding 192 inches, subject to Item 170 and having a density in pounds per cubic foot of: Less than 12 ..... 12 or greater ..... Greatest dimension not exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of: Less than 12 ..... 12 or greater .....	125 85 110 77.5 100 70
Sub 1		
Sub 2		
Sub 3		
Sub 4		
Sub 5		
Sub 6		
Sub 7		
Sub 8		
Sub 9		
	<b>CAMERA GROUP:</b> subject to item 39600	
39710-A	<b>Outfits</b> , amateur retouching, etc...☒Cancel; obsolete.	
	<b>CAPS AND COVERS GROUP:</b> subject to item 40220	
40340-A	<b>Gelatine</b> , etc...☒Cancel; obsolete.	
40380-A	<b>Paper and Tin Ring</b> , etc...☒Cancel; obsolete.	
	<b>CARBON:</b> subject to item 40550	
40610-A	<b>Clinker</b> , from gas retorts, etc...☒Cancel; obsolete.	
	<b>CARRIERS, SHIPPING, GROUP:</b> subject to item 40770	
40960-A	<b>Cans</b> , cream or milk shipping, sheet steel...☒Cancel; obsolete.	
40970-A	<b>Cans</b> , ice cream, fiberboard, insulated, etc...☒Cancel; obsolete.	
40980-A	<b>Cans</b> , oyster shipping, iron (inside containers used with refrigerator oyster carriers)...☒Cancel; obsolete.	
42300-A	<b>CEREALS GROUP</b> , etc...☒Cancel; see item 72310.	
42310-A	<b>Cereals</b> , see Note, item 42312, cracked, ground, granulated, hulled or rolled, partially prepared for human consumption but requiring cooking or further preparation with boiling water, etc...☒Cancel; see item 72310.	
42312-A	NOTE—☒Cancel; no further application.	
42315-A	<b>Cereals</b> , NOI, etc...☒Cancel; see item 72310.	
42318-A	<b>Cereals</b> , infant's, etc...☒Cancel; see item 72310.	
42320-A	<b>Cereals</b> , cooked (prepared cereals ready for human consumption without further cooking), etc...☒Cancel; see item 72310.	
42330-A	<b>Bran; Bran and Wheat combined;</b> not popped nor puffed, etc...☒Cancel; see item 72310.	
42350-A	<b>Combination Packs</b> , consisting of an assortment of cereals classed 100 or lower and not to exceed 30 percent by weight of cereals classed higher than 100, etc...☒Cancel; see item 72310.	
42380-A	<b>Granola</b> , other than puffed or popped, etc...☒Cancel; see item 72310.	
42381-A	NOTE—☒Cancel; no further application.	
42390-A	<b>Granulated</b> , etc...☒Cancel; see item 72310.	
42410-A	<b>Popped or Puffed</b> , not confection coated, other than popped popcorn, etc...☒Cancel; see item 72310.	
42436-A	<b>Wheat</b> , steam cooked and oil coated, etc...☒Cancel; see item 72310.	

ITEM	ARTICLE	CLASS
►42450-A	<b>Charcoal or Charcoal Briquettes</b> , coconut shell, nut shell, NOI, or fruit pit, not activated, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label or placard, see Note, item 42451:	
Sub 1	In containers in boxes.....	85
Sub 2	In bags, or in bulk in boxes or drums.....	65
★42451	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.	
42500-A	<b>Checks</b> , baggage or parcel, etc...☒Cancel; obsolete.	
	<b>CHEMICALS GROUP:</b> subject to item 42600	
42647-B	<b>Acids</b> , NOI, dry, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 42649:	
Sub 1	In inner containers in boxes.....	92.5
Sub 2	In bulk in boxes, drums, five-ply paper bags, Item 201 bags or Package 2264.....	85
42648-B	<b>Acids</b> , NOI, liquid, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 42649:	
Sub 1	In carboys.....	100
Sub 2	In inner containers in boxes.....	92.5
Sub 3	In bulk in drums.....	85
42649-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.	
42660-A	<b>Alcohols</b> , NOI, other than alcoholic liquors and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 42661:	
Sub 1	In carboys.....	100
Sub 2	In inner containers in boxes, or in pails.....	70
Sub 3	In drums.....	65
42661-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.	
43510-A	☒ <b>Blasting Chlorate</b> , NOI, etc...☒Cancel; obsolete.	
43865-A	☒ <b>Candles</b> , submarine oxygen system, with or without igniting device, etc...☒Cancel; see item 45470.	
△44155-B	☒ <b>Corrosive Materials</b> , NOI, see Note, item 44156, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	92.5
Sub 2	In Packing Group II.....	85
Sub 3	In Packing Group III.....	70
△44156-B	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 8, Corrosive Material, as defined in 49 CFR §173.136 and required to bear a notice to that effect on bills of lading and packaging.	
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 1059, 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.	
△44500-B	☒ <b>Flammable Liquids</b> , NOI; or <b>Combustible Liquids</b> in bulk containers with a maximum capacity greater than 119 gallons, NOI; see Note, item 44501, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I.....	100
Sub 2	In Packing Group II.....	92.5
Sub 3	In Packing Group III.....	85
△44501-B	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 3: Flammable Liquid; or Combustible Liquid in bulk containers; as defined in 49 CFR §173.120 and required to bear a notice to that effect on bills of lading and packaging.	
△44515-B	☒ <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-B	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.	
44570-B	<b>Furfural</b> , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 44571, in drums.....	70
44571-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	
★44625	☼Halogenated Monomethyldiphenyl-Methanes, Polychlorinated Biphenyls (PCBs), Polyhalogenated Biphenyls or Polyhalogenated Terphenyls, see Note, item 44626 .....	Not Taken
★44626	NOTE—If shipment is inadvertently accepted, class 500 will apply.	
44690-A	Iron: subject to item 44670	
44855-A	Bromide, etc...☒Cancel; see item 44155.	
	☼Isobutyric Anhydride, etc...☒Cancel; see item 44500.	
	Lead: subject to item 44870	
44910-A	☼Peroxide, ground, dry, etc...☒Cancel; see item 45467.	
44920-A	☼Peroxide, paste, etc...☒Cancel; see item 45467.	
44950-A	Sulfate, crude, etc...☒Cancel; see item 44155.	
44960-A	☼Sulfate, refined, etc...☒Cancel; see item 44155.	
45260-A	☼Methyl Acetone, etc...☒Cancel; see item 44500.	
★45322	☼Miscellaneous Hazardous Materials, NOI, including Environmentally Hazardous Substances, NOI, or Other Regulated Substances, NOI, see Notes, items 45323 and 45324, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 20 .....	100
Sub 2	20 but less than 30 .....	70
Sub 3	30 or greater .....	60
★45323	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 9, Miscellaneous Hazardous Material, other than Hazardous Waste, as defined in 49 CFR §173.140 and required to bear a notice to that effect on bills of lading and packaging. For provisions applicable to Hazardous Waste, see item 196160.	
★45324	NOTE—Also applies on Marine Pollutants not specifically listed in 49 CFR §172.101, Hazardous Materials Table, and that do not meet the definition of Hazard Classes 1 through 8.	
45325-A	☼Monochloroacetic Acid, etc...☒Cancel; see item 45615.	
△45467-B	☼Oxidizers, NOI, see Note, item 45468, in U.S. DOT-authorized packaging:	
Sub 1	In Packing Group I .....	125
Sub 2	In Packing Group II .....	100
Sub 3	In Packing Group III .....	85
△45468-B	NOTE—Applies on materials regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Oxidizer, as defined in 49 CFR §173.127 and required to bear a notice to that effect on bills of lading and packaging.	
★45470	☼Oxygen Generators, chemical, see Notes, items 45471 and 45472, in U.S. DOT-authorized packaging, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 4 .....	500
Sub 2	4 but less than 8 .....	300
Sub 3	8 or greater .....	150
★45471	NOTE—Applies on devices regulated by the U.S. Department of Transportation as a Hazard Class 5, Division 5.1, Chemical Oxygen Generator, UN3356, as defined in 49 CFR §173.127, offered in compliance with 49 CFR §173.168 and required to bear a notice to that effect on bills of lading and packaging.	
★45472	NOTE—Also applies on equipment containing chemical oxygen generators, such as Passenger Service Units (PSUs) or Portable Breathing Equipment (PBE).	
△45615-B	☼Poisonous or Toxic Materials, 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-B	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.	
	Potassium (Potash): subject to item 45640	
45680-A	Bicarbonate:	
Sub 1	►In bulk in drums, or in metal cans in boxes or drums, or in Package 2183 .....	70
Sub 2	In inner containers in boxes or drums .....	77.5
45900-A	Silicofluoride, etc...☒Cancel; see item 45615.	
45960-A	Xanthate, etc...☒Cancel; see item 44515.	
46023-A	Pyroligneous Acid, etc...☒Cancel; see item 44500.	
46030-A	Resins, coal tar or petroleum, or Resin Compounds, see Note, item 46032, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 46031, ►in multiple-wall paper bags, cloth 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; OR	
	(2) the resin or rosin exceeds 50 percent by weight of contents provided that the actual value does not exceed 60 cents per pound and is so certified by the shipper on shipping orders and bills of lading at time of shipment. If the actual value exceeds 60 cents per pound or if no value is shown by the shipper at time of shipment, item 156200, naming 'Plastic Flakes, NOI, Granules, Lumps, Pellets, Powder or Solid Mass,' or item 156240, naming 'Liquid Plastic, NOI,' will apply, with the final determination of item dependent on the form of the resin or resin compound.	

ITEM	ARTICLE	CLASS
	<b>CHEMICALS GROUP:</b> subject to item 42600	
	<b>Sodium (Soda):</b> subject to item 46080	
46270-A	<b>Chromate</b> , dry, etc...☒Cancel; see item 45467.	
46340-B	<b>Fluoride</b> , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 46341: ►or placard, see Note, item 46341:	
Sub 1	In five-ply multiple-wall paper bags, or in bulk in boxes or drums .....	70
Sub 2	In inner containers in boxes or drums.....	77.5
46341-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.	
46360-B	<b>Hydrosulfide (Sodium Hydrosulfate or Sodium Sulfhydrate)</b> , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 46361, in drums or in woven polypropylene bags complying with Item 200 and having a moisture barrier .....	55
46361-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.	
46480-A	<b>Perborate</b> , etc...☒Cancel; see item 45467.	
46530-A	<b>Prussiate</b> , etc...☒Cancel; see item 45615.	
46690-A	<b>Xanthate</b> , etc...☒Cancel; see item 44515.	
	<b>Tar Products:</b> subject to item 46790	
46850-A	<b>Cumene</b> , etc...☒Cancel; see item 44500.	
46870-A	☉ <b>Dinitrochlorobenzene (Dinitrochlorobenzol)</b> , etc...☒Cancel; see item 45615.	
46890-A	<b>Dinitrotoluol</b> , dry, etc...☒Cancel; see item 45615.	
46910-A	<b>Diphenyl</b> , ►in drums or Package 84 .....	70
46920-B	<b>Dye Intermediates</b> , NOI, not dyestuffs, NOI, dyes nor colors, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 46921, in boxes, drums or intermediate bulk containers (IBCs).....	77.5
46921-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.	
46930-A	<b>Mononitrotoluol</b> , etc...☒Cancel; see item 45615.	
46970-A	☉ <b>Orthodichlorobenzol</b> , etc...☒Cancel; see item 45615.	
47100-A	☉ <b>Thorium Nitrate</b> , etc...☒Cancel; see item 45467.	
47110-A	<b>Tin Bichloride (Aqueous Solution of Tin Tetrachloride)</b> , etc...☒Cancel; see item 44155.	
47650-A	<b>Chlorinated Phenol Petroleum Solution (Liquid Wood Preservatives)</b> , not exceeding 5 percent of chlorinated phenol by weight and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 47651:	
Sub 1	In inner containers in boxes.....	65
Sub 2	In bulk in drums.....	50
47651-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.	
	<b>CLAY GROUP:</b> subject to item 47990	
48375-A	<b>Ore</b> , actinolite, etc...☒Cancel; obsolete.	
48383-A	<b>Ore</b> , beryllium, etc...☒Cancel; obsolete.	
48580-A	<b>Cleaning, Scouring or Washing Compounds</b> , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Notes, items 48583 and 48585, viz.: <b>Bluing</b> , laundry; <b>Cleaning, Scouring or Washing Compounds</b> , NOI; <b>Degreasers</b> ; <b>Detergents</b> ; <b>Soap</b> , liquid or other than liquid, including <b>Soap Powder</b> , NOI; In bags, boxes, drums, pails, intermediate bulk containers (IBCs) or Packages 602, 1333, 2039, 2189, 2213, 2289, 2309, 2341, 2355, 2387, 2393, 2398, 2399, 2410, 2440, 2463, 2467, 2473, 2478, 2479, 2499, 2500, 2521, 2526, 2528 or 2530 .....	70
△48583-A	NOTE—Does not apply on hand soap in freestanding bottles or containers with integral pump. For applicable provisions, see item 59363.	
48585-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
△49390-A	<b>CLOTH, DRY GOODS, FABRICS OR TEXTILES GROUP:</b> subject to item 48920 <b>Dry Goods or Textiles, viz.:</b> <b>Bedspreads or Coverlets, NOI;</b> <b>Blankets, NOI;</b> <b>Cloths or Rags, cleaning, dusting, polishing or wiping, NOI, new or used, including waste, see Note, item 49392;</b> <b>Comforter or Duvet Covers;</b> <b>Curtains or Draperies, NOI;</b> <b>Diapers, cloth, NOI;</b> <b>Dry Goods or Textiles, NOI;</b> <b>Napkins, table;</b> <b>Parts or Pieces, clothing, NOI, cut to size;</b> <b>Pillowcases or Pillow Shams, NOI;</b> <b>Sheets, NOI;</b> <b>Tablecloths;</b> <b>Towels, NOI;</b> <b>Washcloths, NOI;</b> In boxes or wrapped bales or rolls, 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
49392-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.	
△49880-A	<b>CLOTHING GROUP:</b> subject to item 49790 <b>Clothing, see Notes, items 49881 and 49885, viz.:</b> <b>Clothing, Garments or Apparel, NOI;</b> <b>Coats, Jackets or Outerwear, NOI;</b> <b>Costumes, masquerade or theatrical, including mascot or entertainment character, see Note, item 49886;</b> <b>Pants, Slacks, Trousers or Shorts, NOI;</b> <b>Shirts or Blouses, NOI;</b> <b>Skirts or Dresses, NOI;</b> <b>Sleepwear, NOI;</b> <b>Undergarments or Underwear, NOI;</b> <b>Waders, trouser or overall type, including Chest Waders, with or without integral boots or shoes;</b> In boxes or Packages 1401 or 2265, 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
△49881-A	NOTE—Also applies on complement of hangers in the same package.	
49885-A	NOTE—Applies on clothing whether new or used but does not apply on: Disposable clothing produced from paper or nonwoven cloth, with or without reinforcement of other materials, see ► item 56545; Fur or animal hide clothing or clothing lined with fur or animal hide, see items 49825 and 49830; or Worn-out clothing having value only for conversion into fiber or for reclamation of raw materials, see item 196200.	
△49886-A	NOTE—Also applies on costumes with masks or other accessories in the same package, or when formed or molded into the shape of figures or images.	
50020-A	<b>Color, butter, etc.</b> ...☒Cancel; obsolete.	
50023-A	<b>Color, cheese, etc.</b> ...☒Cancel; obsolete.	
50086-A	<b>Compounds, bleach assistant, NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Note, item 50087, in bags, drums or intermediate bulk containers (IBCs)...</b>	55
50087-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.	
50227-A	<b>Compounds, industrial process water treating, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Notes, items 50228 and 50229:</b>	
Sub 1	Liquid, in boxes, drums or Packages 2440, 2473, 2499 or 2521 .....	60
Sub 2	Dry, in bags, boxes or drums .....	55

ITEM	ARTICLE	CLASS
△50228-A	NOTE—Applies only on compounds which are of a bactericidal, fungicidal, corrosion-inhibiting or particle-dispersing nature, such as used in treatment of water during manufacture of leather, paint or paper.	
50229-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.	
50240-B	<b>Compounds</b> , metal annealing or tempering, NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Note, item 50241, in boxes or drums .....	70
50241-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.	
50260-B	<b>Compounds</b> , motor fuel antiknock, NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Note, item 50261, in steel cans in wooden boxes, or in steel cylinders or drums .....	100
50261-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.	
50312-A	<b>Compounds</b> , water cleaning or treating, bath, pool, spa or hot tub, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Notes, items 50313 and 50314, in boxes, drums or pails .....	65
△50313-A	NOTE—Applies only on algaecidal, bactericidal, corrosion-inhibiting, fungicidal or particle-dispersing compounds for baths, pools, spas or hot tubs. One plastic dispenser may be included in each container of material. The weight of the dispenser must not exceed five percent of the gross weight of the container.	
50314-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.	
50395-A	<b>Compounds</b> , wood splitting preventive, etc... ☒Cancel; obsolete.	
50475-A	<b>Compounds or Solutions</b> , windshield washer cleaning or antifreeze, concentrated or premixed, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Note, item 50476:	
Sub 1	In inner containers in boxes .....	65
Sub 2	In bulk in drums .....	55
50476-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.	
54230-A	<b>COTTON</b> : subject to item 54100 <b>Unginned (Cotton in the Seed)</b> , etc... ☒Cancel; obsolete.	
54670-A	<b>COVERS</b> : subject to item 54500 <b>Match Book</b> , not cut to specific size, printed, in sheets or rolls... ☒Cancel; obsolete.	
55060-A	<b>CUPRO-NICKEL</b> : subject to item 55000 <b>Shot</b> , etc... ☒Cancel; obsolete.	
55500-A	<b>DAIRY PRODUCTS GROUP</b> : subject to item 55360 <b>Concentrated Sweet Cream</b> , moisture content under 5 percent, not frozen, etc... ☒Cancel; obsolete.	
55510-A	<b>Egg Albumen Concentrate</b> , etc... ☒Cancel; obsolete.	
55895-A	<b>DECORATIONS GROUP</b> : subject to item 55750 <b>Christmas Trees</b> , natural, preserved, flocked or not flocked, mounted on stands, etc... ☒Cancel; obsolete.	
55897-A	NOTE—☒Cancel; no further application.	
55905-A	<b>Christmas Trees</b> , with wooden trunks and flock coated metal branches, with or without stands, etc... ☒Cancel; obsolete.	
56210-A	<b>Ruscus or Eryanthus</b> , natural, etc... ☒Cancel; obsolete.	
△56400-A	<b>DENTAL, HOSPITAL OR MEDICAL SUPPLY GROUP</b> : Articles consist of Dental, Hospital, Medical or Surgical Supplies, as described in items subject to this grouping, see Note, item 56401.	
56401-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.	
►56545-A	<b>Clothing and Related Articles</b> , disposable, paper or nonwoven cloth, with or without reinforcement of other materials, see Notes, items 56546 and 56547, viz.: <b>Aprons;</b> <b>Caps or Hoods;</b> <b>Clothing, NOI;</b> <b>Coveralls;</b> <b>Drapes;</b> <b>Laboratory Coats;</b> <b>Leggings or Pants;</b> <b>Patient Examination Gowns;</b> <b>Sheets or Pillowcases;</b> <b>Shirts;</b> <b>Shoe Covers;</b> <b>Towels or Washcloths;</b> In boxes, subject to Item 170 and having a density in pounds per cubic foot of: Less than 6 .....	200
Sub 1	6 but less than 10 .....	125
Sub 2	10 or greater .....	85
Sub 3		
★56546	NOTE—Also applies on <b>Surgical or Obstetrical Procedure Packs</b> , consisting of two or more of the following disposable articles, produced from the material specified, in one sterile pack for one particular surgical or obstetrical procedure: drapes, sheets, pillowcases, gowns, caps, masks or other disposable clothing.	

ITEM	ARTICLE	CLASS
	<b>DENTAL, HOSPITAL OR MEDICAL SUPPLY GROUP:</b> subject to item 56400	
★56547	NOTE—Applies only on products for surgical, clinical, laboratory, industrial or hospital use, whether sterile or not sterile.	
56710-A	<b>Drapes, Sheets, Pillowcases, Towels, Washcloths or Patient Examination Gowns</b> , disposable, paper or nonwoven cloth, with or without reinforcement of other materials, etc...☒Cancel; see item 56545.	
56711-A	NOTE—☒Cancel; see item 56546.	
56714-A	NOTE—☒Cancel; see item 56547.	
►56785-A	<b>Kits or Sets</b> , patient care, comfort or treatment, viz.: <b>Kits</b> , maternity, see Note, item 56787; <b>Kits or Sets</b> , expendable aspirating, administration or transference, see Note, item 56788; <b>Kits</b> , patient care or treatment, NOI, see Note, item 56789; <b>Kits</b> , personal care or comfort, see Note, item 56786; 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
►56786-A	NOTE—Applies on kits for use in hospitals, clinics, nursing homes or other medical institutions consisting of a mixture of three or more of the following: toilet preparations, toothbrush, toothpaste, bar soap, facial tissues, washcloth, comb or other articles for the personal care or comfort of the individual.	
★56787	NOTE—Applies on kits consisting of bottles, maternity garments, sanitary pads or related accessories.	
★56788	NOTE—Kits or sets may include empty collecting or holding containers.	
★56789	NOTE—Applies on kits for use in doctors' offices, hospitals, clinics, nursing homes or other medical institutions consisting of a mixture of three or more of the following: expendable medical instruments, expendable medical treatment accessories, or other articles for the care or treatment of the individual; with or without chemicals, drugs or medicines, other than narcotics.	
56790-A	<b>Kits</b> , inpatient or outpatient care or treatment, NOI, see Note, item 56791; <b>Kits</b> , maternity, see Note, item 56792; <b>or Kits or Sets</b> , expendable aspirating, administration or transference, with empty plastic collecting or holding containers, or without containers, etc...☒Cancel; see item 56785.	
56791-A	NOTE—☒Cancel; see item 56789.	
56792-A	NOTE—☒Cancel; see item 56787.	
57100-B	<b>Deodorants</b> , NOI, other than contained in or in the form of decorations, novelties or ornaments, see Note, item 57101, <b>or Disinfectants</b> , NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Notes, items 57102 and 57103:	
Sub 1	In carboys .....	100
Sub 2	In inner containers in boxes or Package 2341 .....	85
Sub 3	In bulk in drums, pails or Packages 2213, 2452 or 2473 .....	60
△57101-B	NOTE—Does not apply on deodorants contained in or in the form of decorations, novelties or ornaments. For applicable classes, see item 56290.	
△57102-B	NOTE—Does not apply on toilet preparations nor on deodorants or disinfectants that are medicinal.	
57103-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.	
57580-A	<b>Doubletrees, Eveners, Neckyokes or Singletrees</b> , etc...☒Cancel; obsolete.	
	<b>DRAWING INSTRUMENTS, OPTICAL GOODS OR SCIENTIFIC INSTRUMENTS:</b> subject to item 57670	
57900-A	<b>Hydrobarometers</b> , etc...☒Cancel; obsolete.	
	<b>DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS GROUP:</b> subject to item 58500	
△58692-B	NOTE—Will also apply on packages containing surgical instruments or veterinarian supplies not in excess of 5 percent of gross weight of package. Where weight of such articles exceeds 5 percent of gross weight of package, Item 640 will apply.	
58770-B	<b>Drugs or Medicines</b> , NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Notes, items 58692, 58771 and 58772:	
Sub 1	In carboys .....	100
Sub 2	In bags, boxes, drums, pails or Packages 2407 or 2499, see Note, item 58773 .....	85
58771-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.	
△58772-B	NOTE—Will not apply on cocaine, codeine, heroin, morphine or opium, which will not be accepted.	
△58773-B	NOTE—The following departure from packing requirements is permitted: Petroleum jelly, prepared and represented as a remedy, medicine or lubricant for the human body, may be shipped in Package 1000.	
58960-A	<b>Malt Tonics</b> , medicinal, etc...☒Cancel; obsolete.	85
59070-A	<b>Perfume or Perfumery</b> , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 59421, in boxes, drums or Packages 2189 or 2213 .....	100

ITEM	ARTICLE	CLASS
	<b>DRUGS, MEDICINES, TOILET PREPARATIONS OR PERSONAL CARE PRODUCTS</b>	
	<b>GROUP:</b> subject to item 58500	
59420-B	<b>Toilet Preparations or Personal Care 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 59421, viz.: <b>Cosmetics</b> , NOI, including <b>Eyeliners, Eye Shadow, Face Powder, Foundation, Lip Balm, Lip Gloss, Lipstick or Mascara</b> ; <b>Creams, Lotions, Moisturizers or Oils</b> , body, face or hand, NOI, including <b>Sunscreen or Suntan Lotions or Oils</b> ; <b>Hair Bleaching or Coloring Kits</b> ; <b>Hairspray or Hair Styling Products</b> , including <b>Hair Gel, Mousse, Oil or Wax</b> ; <b>Hand Sanitizers</b> , NOI; <b>Makeup</b> , including <b>Masquerade or Stage Makeup</b> ; <b>Mouthwash</b> ; <b>Nail Polish or Nail Polish Remover</b> ; <b>Shampoo or Conditioner</b> , hair; <b>Shaving Cream, Gel or Soap</b> ; <b>Toilet Preparations</b> , NOI; <b>Toothpaste or Tooth Powder</b> ; In boxes, drums, pails or Packages 2189, 2213, 2407, 2411, 2440, 2499, 2500 or 2521, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1	Less than 10.....	125
Sub 2	10 but less than 15.....	85
Sub 3	15 or greater.....	70
59421-B	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.	
60280-B	<b>Dyestuffs</b> , NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Note, item 60281, in boxes or drums .....	100
60281-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.	
	<b>ELECTRICAL EQUIPMENT GROUP:</b> subject to item 60500	
62725-A	<b>Platters</b> , phonograph turntable (disc for rotating records), etc...☒Cancel; obsolete.	
62740-A	<b>Racks</b> , mine lamp charging, etc...☒Cancel; obsolete.	
63570-B	<b>e-Liquid or e-Juice</b> , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Notes, items 63571 and 63572, in boxes.....	70
△63571-B	NOTE—Applies on liquid, whether or not containing nicotine, used in electronic cigarettes (e-cigs) or electronic nicotine delivery systems for producing vapor and simulating smoking.	
63572-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.	
	<b>EXTRACTS:</b> subject to item 64350	
64460-A	<b>Sumac</b> , etc...☒Cancel; obsolete.	
	<b>FARM EQUIPMENT GROUP:</b> subject to item 64600	
65660-A	<b>Pails</b> , fruit gathering, iron, with cloth bottoms, etc...☒Cancel; obsolete.	
65780-A	<b>Seed Corn Driers</b> , steel, etc...☒Cancel; obsolete.	
65800-A	<b>Silo Door Frames</b> , reinforced concrete...☒Cancel; obsolete.	
	<b>FEED GROUP:</b> subject to item 66700	
67050-A	<b>Feed or Feed Supplements</b> , animal, fish or poultry, other than frozen and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Notes, items 67051 and 67052, viz.: <b>Feed</b> , prepared, NOI; <b>Feed Supplements</b> ; <b>Feeding Compounds or Preparations</b> , condimental or medicinal; <b>Pet Food</b> , 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-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.	
△67052-A	NOTE—Does not apply on edible pet treats in various forms or shapes. For applicable provisions, see item 27765.	
67940-A	<b>Felt or Felt Wheels</b> , glass polishing, hair, etc...☒Cancel; obsolete.	
67960-A	<b>Felt</b> , gun wad, etc...☒Cancel; obsolete.	
67970-A	<b>Felt</b> , hair, not woven, etc...☒Cancel; obsolete.	
68660-A	<b>Fiberware</b> , chemically hardened, indurated or vulcanized, NOI, with or without metal fittings, etc...☒Cancel; obsolete.	
68960-A	<b>Filling</b> , sisal, etc...☒Cancel; obsolete.	
	<b>FISH GROUP:</b> subject to item 69700	
69790-A	<b>Fish Roe</b> , fresh, etc...☒Cancel; obsolete.	
69930-A	<b>Fish Livers</b> , salted or chemically preserved, etc...☒Cancel; obsolete.	



ITEM	ARTICLE	CLASS
	<b>FOODSTUFFS GROUP:</b> subject to item 72000	
★72311	NOTE—The term ‘ready-to-eat cereals’ refers to prepared cereals ready for human consumption without further cooking or heating.	
72460-A	<b>Citrons or Lemons</b> , in brine, etc...☒Cancel; obsolete.	
72910-A	<b>Extracts</b> , NOI; <b>Flavoring Compounds</b> , NOI; <b>Imitation Flavors</b> , NOI; or <b>Bottlers’ Flavoring Compounds</b> , NOI, see Note, item 72917; liquid, paste or dry, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Notes, items 72911, 72914 and 72916; in boxes or drums; or dry, in bulk in paper-lined cloth bags or four-ply multiple-wall paper bags, or in Packages 1000, 2358 or 2440 ..	70
72911-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.	
△72914-A	NOTE—Inner containers may include plastic or metal molds, or paper, plastic or wooden sticks not in excess of 5 percent of gross weight of package.	
△72916-A	NOTE—There may be included in each package a quantity of sodium salts not in excess of 5 percent of the gross weight of the package.	
△72917-A	NOTE—There may be included in each shipment of Bottlers’ Flavoring Compounds a quantity of phosphoric acid solution, alcohol solution, or a combination of both, not in excess of 15 percent of the total shipment weight.	
73227-B	<b>Foodstuffs</b> , other than frozen, <b>Group I, viz.:</b> <b>Compounds</b> , food coating ( <b>Prebreeding Mix</b> ), milk and egg combined, dry; <b>Extender</b> , milk powder, blended, see Note, item 73229, also in bags; <b>Fish Roe</b> , other than caviar; cooked, pickled or preserved; <b>Fruit</b> , canned or preserved, NOI, other than dried or dehydrated or other than in alcoholic liquor, also in Packages 1000, 1264 or 2288; <b>Fruit Butter or Pulp</b> , also in Packages 1000, 1264 or 2288; <b>Fruit or Fruit Peel</b> , drained, or <b>Citrus Fruit Peel</b> , in brine, in glass or metal containers in boxes or crates, also in Package 1264; <b>Jams, Jellies or Preserves</b> , edible, NOI, also in Packages 1000, 1264, 2288 or 2507; <b>Mincemeat</b> ; <b>Pickles</b> , NOI, see Note, item 73233, ►also in Package 2467; <b>Puddings</b> ; <b>Salads</b> , fish, macaroni, meat or vegetable, in glass or metal containers in boxes, also in Package 2303; <b>Sauces or Toppings</b> , ice cream or dessert, NOI, including <b>Marshmallow Creme</b> ; or <b>Nuts (Nutmeats)</b> in syrup or liquor, not pickled; in other than pressurized inner containers; also in Package 2288; <b>Vegetables</b> , canned or preserved, NOI, other than dried or evaporated, see Note, item 73235, also in Packages 1000, 1264, 2288, 2303, 2438 or 2508; In boxes, crates, drums or Packages 1361, 2463, 2498, 2499 or 2500 .....	
△73229-B	NOTE—Applies on mixtures of dried whey, wheat flour, soya protein concentrate and nonfat dried milk powder.	60
△73233-B	NOTE—Applies on nuts or vegetables, NOI, pickled in brine or vinegar, and on fruits, NOI, pickled in vinegar.	
►73235-B	NOTE—Also applies on: <b>Hominy</b> ; <b>Mush</b> ; <b>Mushrooms</b> , other than truffles; <b>Olives</b> ; <b>Paste</b> , tomato; <b>Pimientos</b> ; <b>Pork and Beans</b> ; <b>Potatoes and Cheese</b> , in sauce; <b>Pulp</b> , tomato; <b>Puree</b> , tomato; <b>Scrapple</b> ; <b>Tomatoes</b> .	
74150-A	<b>Mustard</b> , ground, <b>Mustard Meal</b> , <b>Mustard Flour</b> or <b>Mustard Bran</b> , ►in boxes, drums or Package 2358 .....	65
74720-A	<b>Sauerkraut</b> , <b>Sauerkraut Brine</b> or <b>Sauerkraut Juice</b> , other than frozen, ►in boxes, drums or Package 1000 .....	60
	<b>GLASSWARE GROUP:</b> subject to item 87500	
87700-A	<b>Bottles</b> , <b>Carboys</b> or <b>Jars</b> , NOI, other than cut, with or without complement of caps, covers, stoppers or tops, ►in boxes or Packages 1251 or 2106, 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>GUMS:</b> subject to item 91100	
91360-A	☉ <b>Ester</b> , ►in boxes, drums or four-ply paper bags, or in solid mass in Package 2501 .....	65
	<b>HARDWARE GROUP:</b> subject to item 92900	
94880-A	<b>Flag Holders or Stands</b> , iron, etc...☒Cancel; see item 160420.	



ITEM	ARTICLE	CLASS
►101682-A	<b>☉Infectious Substances; Biological Products; Cultures; Patient Specimens; Regulated Medical Waste (RMW), Clinical Waste or Biomedical Waste; Sharps; Toxins; or Used Health Care Products;</b> see Note, item 101683, in U.S. DOT-authorized packaging.	0
101683-A	NOTE—Applies on ►materials regulated by the U.S. Department of Transportation as a Hazard Class 6, Division 6.2, Infectious Substance (Etiologic Agent), as defined in 49 CFR §173.134 and required to bear a notice to that effect on bills of lading and packaging.	
101720-A	<b>INK AND RELATED MATERIALS GROUP:</b> subject to item 101710 <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, viz.: <b>Bases</b> , color, 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; <b>Plasticizers</b> , ink; <b>Solvents</b> , ink; <b>Varnishes</b> , ink;	
Sub 1	In metal or plastic tubes, in boxes other than Package 2144 .....	100
Sub 2	In metal or plastic tubes, in Package 2144 .....	70
Sub 3	In inner containers other than metal or plastic tubes in boxes, or in drums, pails or Packages 2388, 2440, 2463, 2467, 2499, 2516 or 2521 .....	55
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.	
103080-A	<b>INSULATION OR INSULATING MATERIAL GROUP:</b> subject to item 103000 <b>Calcium Silicate and Fiber combined</b> , with or without metal jacketing, ►in boxes .....	110
111450-A	<b>LIQUORS, BEVERAGE:</b> subject to item 111400 <b>Liquors</b> , alcoholic, NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 111451, in boxes, drums or Packages 1343, 1352, 2297, 2332 or 2539 .....	100
111451-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.	
►123600-A	<b>MACHINERY GROUP:</b> subject to item 114000 <b>Ice Making or Refrigerating Machinery or Machines:</b> subject to item 123200 <b>Refrigeration Units (Reefer Units)</b> , truck, trailer or marine container, with or without heating apparatus, in boxes or crates:	
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 8 .....	200
Sub 3	8 but less than 15 .....	100
Sub 4	15 or greater .....	77.5
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 8 .....	175
Sub 7	8 but less than 15 .....	92.5
Sub 8	15 or greater .....	70
123601-A	NOTE—☒Cancel; no further application.	
130500-A	<b>Street or Industrial Plant Sweeping Machines</b> , other than magnetic, see Note, item 130504:	
Sub 1	Other than self-propelled, with or without dust collectors:	
Sub 2	Wheeled .....	150
Sub 3	Other than wheeled, see Note, item 130508 .....	100
Sub 4	Self-propelled, see Notes, items 130502 and 130506, ►in boxes or crates; or loose when weighing in excess of 2,500 pounds each .....	100
△130502-A	NOTE—Provisions include one extra brush with each sweeper.	
△130504-A	NOTE—Also applies on sweeping machines used for sweeping driveways, parking lots, airport runways, or other paved surfaces.	
△130506-A	NOTE—Small parts and brushes, not attached to the machine at time of shipment must be in boxes or crates.	
△130508-A	NOTE—Applies on attachments for tractors or lift trucks, other than wheeled attachments, for street or plant sweeping.	
►133300-A	<b>Machinery or Machines, NOI, or Machinery or Machine Parts, NOI:</b> In boxes, crates or Packages 107, 1082 or 2107, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 1		
Sub 2	Less than 5 .....	250
Sub 3	5 but less than 10 .....	125
Sub 4	10 but less than 15 .....	85
Sub 5	15 or greater .....	65
Sub 6	On skids or in packages other than boxes, crates or Packages 107, 1082 or 2107, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 7	Less than 5 .....	400
Sub 8	5 but less than 10 .....	175
Sub 9	10 but less than 15 .....	100
Sub 10	15 or greater .....	77.5

ITEM	ARTICLE	CLASS
△134010-A	<b>Manure</b> , animal or bird, including <b>Guano</b> , see Note, item 134012:	
Sub 1	In inner containers in boxes.....	60
Sub 2	In bulk in drums or sift-proof boxes, or in bags.....	50
134012-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.	
138460-A	<b>Motor Fuels</b> , NOI, liquid (liquid blends of alcohol and petroleum or tar products; alcohol, castor oil and nitromethane; or of tar products with or without petroleum products), not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Notes, items 138461 and 138462, in inner containers in boxes, or in drums.....	65
△138461-A	NOTE—Applies only on motor fuels with an alcohol or tar content of 50 percent or more. Motor fuels with a petroleum content of 50 percent or more are classified per item 155250.	
138462-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.	
△139640-A	<b>Needles</b> , NOI, see Note, item 139642, in boxes or drums.....	100
139642-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.	
	<b>OILS, OTHER THAN PETROLEUM:</b> subject to item 144600	
144790-B	<b>Compounds</b> , organic (products of ammoniation of fatty acids), not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 144791, <b>viz.:</b> <b>Acetates</b> , fatty amine; <b>Acetates</b> , fatty diamine; <b>Amides</b> , fatty; <b>Amines</b> , fatty; <b>Compounds</b> , fatty quaternary, such as di-fatty dimethyl or fatty trimethyl compounds; <b>Diamines</b> , fatty; <b>Nitriles</b> , fatty; In bags, boxes or drums.....	65
144791-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.	
	<b>PAINTS GROUP:</b> subject to item 149500	
149520-B	<b>Aluminum or Bronze Powders or Flitters</b> , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 149521, in boxes, drums or Package 2258 .....	60
149521-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.	
149610-A	<b>Caulking or Glazier's Compounds</b> , NOI, other than foam, cellular or expanded plastic or rubber and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Notes, items 149612 and 149982, in boxes, crates, pails or steel drums.....	55
△149612-A	NOTE—Also applies on paint in tubes in the same shipping container when the weight of the paint does not exceed 10 percent of the weight upon which freight charges are assessed.	
149980-A	<b>Paint 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 149982, <b>viz.:</b> <b>Additives</b> , paint preserving; <b>Color</b> , mortar; <b>Compounds</b> , paint, lacquer, varnish, gum, resin, plastic or adhesive increasing, reducing, removing, thickening or thinning; <b>Driers</b> , paint or varnish; <b>Fillers</b> , wood; <b>Lacquer</b> ; <b>Liquids</b> , bronzing; <b>Paint Oils</b> ; <b>Paints, Stains or Varnishes</b> , NOI; <b>Pigments</b> , NOI; <b>Plasticizers</b> , paint, lacquer, varnish, gum, resin or plastic; <b>Shellacs</b> ; <b>Solvent</b> , paint, lacquer, varnish, gum, resin, plastic, rubber or adhesive; ►In bags, boxes, drums, pails, intermediate bulk containers (IBCs), portable tanks or Packages 33, 934, 1398, 2138, 2257, 2301, 2335, 2374, 2403, 2404, 2440, 2445, 2463, 2467, 2473, 2499, 2516 or 2521, subject to Item 170 and having a density in pounds per cubic foot of: Less than 20..... 20 or greater.....	85 55
Sub 1	Less than 20.....	85
Sub 2	20 or greater.....	55
149982-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>PESTICIDES GROUP:</b> subject to item 155000	
155050-B	<b>Pesticides</b> , NOI, including <b>Defoliants, Fungicides, Herbicides or Insecticides</b> , not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Notes, items 155051 and 155054, in bags, boxes, crates, drums, pails or Packages 602, 2257, 2341 or 2479, see Note, item 155052:	
Sub 1	Actual value per pound not exceeding \$20.00, see Note, item 155053, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 5 .....	200
Sub 3	5 but less than 15 .....	92.5
Sub 4	15 but less than 25 .....	70
Sub 5	25 but less than 35 .....	65
Sub 6	35 or greater .....	55
Sub 7	Actual value per pound exceeding \$20.00, see Note, item 155053, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 8	Less than 5 .....	250
Sub 9	5 but less than 15 .....	100
Sub 10	15 but less than 25 .....	77.5
Sub 11	25 but less than 35 .....	70
Sub 12	35 or greater .....	60
△155051-B	NOTE—One hand sprayer, other than plastic, or plastic having a liquid capacity of one quart or less, may be included in the same shipping container for each inner container, at the provisions applicable herein.	
△155052-B	NOTE—Insecticides or fungicides may be shipped in pails as provided for in Item 258 except that the gross weight may be increased to 62 pounds in 5-gallon size.	
△155053-B	NOTE—Shipper must certify on shipping orders and bills of lading at time of shipment the actual value per pound of the property or the value group embracing the actual value per pound of the property. If the shipper fails to so certify the actual value, shipment will not be accepted, but if the shipment is inadvertently accepted, class will initially be assessed on the basis of the highest valuation provided. Upon proof of lower actual value, class will be adjusted accordingly.	
155054-B	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>PETROLEUM PRODUCTS GROUP:</b> subject to item 155100	
△155126-B	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-B	<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, <b>viz.:</b> <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, 1235, 1500, 2096, 2342, 2440, 2445, 2452, 2454, 2473, 2500, 2516, 2526, 2528 or 2530 .....	65
155252-B	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-B	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.	
	<b>PLASTIC MATERIALS, OTHER THAN EXPANDED, GROUP:</b> subject to item 156100	
156200-B	<b>Flakes</b> , NOI, <b>Granules, Lumps, Pellets, Powder or Solid Mass</b> , other than as described in items 46030 and 46032, ► in bags, boxes, drums, pails or Packages 1324, 2203, 2211, 2231, 2264, 2301, 2306, 2317, 2331, 2350, 2500 or 2501 .....	60
156240-A	<b>Liquid</b> , NOI, other than as described in items 46030 and 46032 and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Note, item 156241, in boxes, drums or Packages 2440, 2445, 2516 or 2521 .....	60
156241-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
△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, NOI,</b> 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, NOI;</b> architectural; <b>Containers,</b> packaging, NOI; <b>Dinnerware or Tableware, NOI;</b> <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, NOI,</b> 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>Seats,</b> toilet or water closet, hollow molded; <b>Tanks, NOI;</b> <b>Tractor Treads,</b> rubber; <b>Tubing, NOI,</b> 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 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
△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
	<b>PLASTIC OR RUBBER ARTICLES, OTHER THAN EXPANDED, GROUP:</b> subject to item 156500	
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.	
156830-A	<b>Film or Sheeting</b> , NOI, see Note, item 156831, ►in boxes, crates, wrapped bundles or rolls, or Packages 2057, 2058, 2059, 2103 or 2221, see Note, item 156832:	
Sub 1	Food or pharmaceutical grade, see Note, item 156834, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 15 .....	110
Sub 3	15 but less than 30 .....	77.5
Sub 4	30 or greater .....	65
Sub 5	Other than food or pharmaceutical grade as defined in Note, item 156834, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 6	Less than 15 .....	92.5
Sub 7	15 but less than 30 .....	65
Sub 8	30 or greater .....	55
△156831-A	NOTE—Does not apply on self-supporting (rigid) plastic sheet or plate. For applicable provisions, see item 156300.	
△156832-A	NOTE—Film or sheeting tendered for shipment on lift truck skids or pallets must not overhang the skid or pallet deck, and all exposed surfaces and edges must be completely wrapped with plastic film or corrugated fiberboard. Film or sheeting stacked on lift truck skids or pallets must be secured to the lift truck skid or pallet by means necessary to withstand the normal rigors of the less-than-truckload environment.	
△156834-A	NOTE—The term 'food or pharmaceutical grade' embraces film or sheeting that will be used in connection with food, foodstuffs, pharmaceuticals or other applications, and where exposure of the film or sheeting to hazardous materials, odor-emitting freight, debris or other contaminants will result in a claim for, or refusal of, all or part of the shipment. Bills of lading and shipping orders must be so notated, and shipping containers or packages must also be so marked.	
	<b>PLUMBERS' GOODS GROUP:</b> subject to item 158000	
►159000-A	<b>Seats</b> , bathtub or shower, including <b>Baby Bath Seats</b> , in boxes .....	150
★160420	<b>Poles, Staffs or Sticks</b> , flag, or <b>Sections thereof</b> , NOI, with or without bases, holders or stands; or <b>Flag Pole, Staff or Stick Bases, Holders or Stands</b> ; in packages, see Note, item 160421:	
Sub 1	Greatest dimension exceeding 288 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 12 .....	175
Sub 4	12 or greater .....	92.5
Sub 5	Greatest dimension exceeding 192 inches but not exceeding 288 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 12 .....	150
Sub 8	12 or greater .....	85
Sub 9	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 10	Less than 6 .....	250
Sub 11	6 but less than 12 .....	125
Sub 12	12 or greater .....	77.5
Sub 13	Greatest dimension not exceeding 96 inches, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 14	Less than 6 .....	200
Sub 15	6 but less than 12 .....	110
Sub 16	12 or greater .....	70
★160421	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.	
	<b>RACKS:</b> subject to item 163900	
164390-A	<b>Racks and Related Articles, viz.:</b>	
	<b>Corrals</b> , shopping cart ( <b>Cart Corrals</b> ), see Note, item 164393;	
	<b>Racks</b> , NOI;	
	<b>Spice Racks</b> , see Note, item 164394;	
	<b>Swimming Pool Cover Racks or Reels;</b>	
	►In packages, see Note, item 164391, 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

ITEM	ARTICLE	CLASS
△164391-A	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-A	NOTE—Applies on containment systems or structures for storing or holding shopping carts in parking lots.	
△164394-A	NOTE—Spice racks may be shipped with complement of empty bottles or jars in same package.	
	<b>ROOFING OR SIDING MATERIALS GROUP:</b> subject to item 170000	
170060-A	<b>Cement</b> , roofing, NOI, not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Note, item 170061, in containers in boxes or in drums, pails or Package 2080..	55
170061-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.	
170080-A	<b>Coating</b> , roofing, having asphalt, pitch, rosin or tar base, other than paint, stain or varnish and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ► or placard, see Note, item 170081, in inner containers in boxes, or in drums or pails .....	55
170081-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.	
△171260-A	<b>☛Rosin:</b>	
Sub 1	In containers in boxes or drums .....	70
Sub 2	In bulk in boxes or drums, see Note, item 171262 .....	55
Sub 3	In bags .....	65
171262-A	NOTE—Also applies on rosin in solid blocks in fiber boxes, rosin in fiber drums, or rosin in solid mass ► in Package 2501.	
171410-A	<b>☛Rubber Accelerators or Softeners</b> , NOI, ► in boxes, drums, four-ply paper bags or paper-lined cloth bags:	
Sub 1	Regulated by the DOT as a hazardous material .....	100
Sub 2	Not regulated by the DOT as a hazardous material .....	70
172680-A	<b>Seats</b> , bathtub, baby, nested, etc... ☒Cancel; see item 159000.	
176050-A	<b>Signs</b> , NOI, prepaid, see Notes, items 176051 and 176052, ► in boxes, crates or Packages 1160 or 2337, see Notes, items 176053 and 176054, 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
△176051-A	NOTE—Also applies on letters, numbers, figures or symbols not of themselves constituting complete signs.	
△176052-A	NOTE—Provisions also apply on sign faces or facings.	
△176053-A	NOTE—Neon signs may also be shipped in Packages 546 or 789.	
△176054-A	NOTE—Brackets or hangers may protrude from boxes or crates. Boom-type brackets or hangers may be in packages, or if weighing 15 pounds or greater may be loose.	
△177120-A	<b>☛Specimens</b> , prepaid, see Note, item 177122:	
Sub 1	Animals, birds, fish or reptiles, preserved in alcohol or formaldehyde, in drums or pails or in inner containers in boxes	85
Sub 2	Botanical or insect, in boxes or drums .....	100
Sub 3	Mineral or petrified wood, in boxes, crates or drums .....	85
177122-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.	
★177400	<b>Spools</b> , NOI, see Note, item 177401, 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
★177401	NOTE—Applies when diameter of heads is less than 10 inches. Provisions for reels apply when diameter of heads is 10 inches or more.	

ITEM	ARTICLE	CLASS
177430-A	<b>SPOOLS</b> , etc...☒Cancel; no further application.	
177432-A	NOTE—☒Cancel; no further application.	
177434-A	NOTE—☒Cancel; no further application.	
177450-B	Aluminum, wire shipping, used ...☒Cancel; see item 177400.	
177470-A	Aluminum, NOI, etc...☒Cancel; see item 177400.	
177500-A	Brass, bronze or nickel-silver, etc...☒Cancel; see item 177400.	
177520-A	Chemically hardened fiber and pulpboard, wood or metal combined, etc...☒Cancel; see item 177400.	
177540-A	Chemically hardened paper or pulpboard, or chemically hardened paper or pulpboard and wood combined, etc...☒Cancel; see item 177400.	
177560-A	Compressed ground wood or fiberboard wallboard heads (ends) and fiberboard drums, etc...☒Cancel; see item 177400.	
177580-A	Iron, steel or wooden, or iron or steel and wood combined, assembled or not assembled, etc...☒Cancel; see item 177400.	
177600-A	Magnesium or magnesium alloy, cast, rubber thread shipping, etc...☒Cancel; see item 177400.	
177620-A	Paper or pulpboard, NOI, etc...☒Cancel; see item 177400.	
177640-A	Rubber composition or wood and rubber composition combined, etc...☒Cancel; see item 177400.	
187470-A	<b>Tributyltin Compound Petroleum Solution</b> , liquid ( <b>Liquid Wood Preservative</b> ), not exceeding 5 percent of tributyltin compound by weight and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 187471:	
Sub 1	In inner containers in boxes, or in pails .....	65
Sub 2	In drums .....	50
187471-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.	
	<b>WALLBOARD GROUP:</b> subject to item 193640	
△193821-A	NOTE—Applies on board made of vegetable, wood or mineral fiber, separate or combined with mineral filler. Board may be plain, grooved, needled, embossed or otherwise surface textured and may be perforated with holes not exceeding $\frac{9}{32}$ inch. Slots may be provided for the passage of air. Edges may be beveled or tongue-and-grooved, and boards may be equipped with holes for fasteners. Surfaces may also be painted or printed.	
△193823-A	NOTE—The word 'solid' as used herein applies only to materials which are not sponge-like and which are nonyielding to handling pressure.	
193860-A	<b>Fiberboard, Hardboard or Pulpboard</b> , solid, see Note, item 193823, in square or rectangular shapes, not bent, faced with plastic sheet or film, see Note, item 193821, ►in boxes or crates .....	70
	<b>WASTE MATERIALS GROUP:</b> subject to item 194200	
►196160-A	☛Waste, hazardous, see Note, item 196161, in packages complying with applicable federal regulations .....	0
△196161-A	NOTE—Applies on all articles, materials or substances, other than radioactive, subject to the laws and regulations governing the transportation of hazardous waste for disposal, storage or reclamation, including articles which because of residues, contamination or the combining of materials are subject to such laws or regulations. All hazardous waste subject to this item must be tendered in compliance with applicable laws and regulations.	
196162-A	NOTE—☒Cancel; no further application.	
196180-A	<b>Waste Hydroxy Aldehydes or Sugars</b> , containing not less than 40 percent water (residuum from manufacture of pentaerythritol) and not required by the U.S. Department of Transportation to bear a Hazard Class or Hazard Division label ►or placard, see Note, item 196181, in drums.....	60
196181-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.	
	<b>YARN:</b> subject to item 200280	
200430-A	<b>Synthetic Fiber, NOI; or Cotton and Synthetic Fiber Blended, NOI:</b>	
Sub 1	Other than in skeins, balls, hanks or on cards; ►in bags, boxes or Packages 2010, 2012, 2015, 2017, 2018, 2120, 2123, 2151, 2152, 2153, 2154, 2155, 2156, 2186, 2208 or 2295 or on wrapped beams, see Note, item 200432, loose or in crates, cradles or racks, subject to Item 170 and having a density in pounds per cubic foot of:	
Sub 2	Less than 12 .....	100
Sub 3	12 or greater .....	70
△200432-A	NOTE—Wrapped beams or jack spools may be shipped loose only in quantities of 20,000 pounds or more and only when loaded on rails or racks in vehicles so equipped.	

## SPECIFICATIONS FOR NUMBERED PACKAGES

**Package 169**☒Cancel; no further application.**Package 279**☒Cancel; no further application.**Package 361**☒Cancel; no further application.**Package 391**☒Cancel; no further application.**Package 397**☒Cancel; no further application.**Package 399**☒Cancel; no further application.**Package 401**☒Cancel; no further application.**Package 404**☒Cancel; no further application.**Package 405**☒Cancel; no further application.**Package 410**☒Cancel; no further application.**Package 413**☒Cancel; no further application.**Package 414**☒Cancel; no further application.**Package 498**☒Cancel; no further application.**Package 518**☒Cancel; no further application.**Package 579**☒Cancel; no further application.**Package 591**☒Cancel; no further application.



**SPECIFICATIONS FOR NUMBERED PACKAGES**

**Package 601**

☒ Cancel; no further application.

**Package 678**

☒ 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 July 8, 2021, 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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