

CHAPTER 69  
CERAMIC PRODUCTSXIII  
69-1Notes

1. This chapter applies only to ceramic products which have been fired after shaping. Headings 6904 to 6914 apply only to such products other than those classifiable in headings 6901 to 6903.
2. This chapter does not cover:
  - (a) Products of heading 2844;
  - (b) Articles of chapter 71 (for example, imitation jewelry);
  - (c) Cermets of heading 8113;
  - (d) Articles of chapter 82;
  - (e) Electrical insulators (heading 8546) or fittings of insulating material (heading 8547);
  - (f) Artificial teeth (heading 9021);
  - (g) Articles of chapter 91 (for example, clocks and clock cases);
  - (h) Articles of chapter 94 (for example, furniture, lamps and lighting fittings, prefabricated buildings);
  - (ij) Articles of chapter 95 (for example, toys, games and sports equipment);
  - (k) Articles of heading 9606 (for example, buttons) or of heading 9614 (for example, smoking pipes); or
  - (l) Articles of chapter 97 (for example, works of art).

Additional U.S. Notes

1. For the purposes of this chapter, a "ceramic article" is a shaped article having a glazed or unglazed body of crystalline or substantially crystalline structure, the body of which is composed essentially of inorganic nonmetallic substances and is formed and subsequently hardened by such heat treatment that the body, if reheated to pyrometric cone 020, would not become more dense, harder, or less porous, but does not include any glass articles.
2. For the purposes of headings 6902 and 6903, the term "refractory" is applied to articles which have a pyrometric cone equivalent of at least 1500°C when heated at 60°C per hour (pyrometric cone 18). Refractory articles have special properties of strength and resistance to thermal shock and may also have, depending upon the particular uses for which designed, other special properties such as resistance to abrasion and corrosion.
3. For the purposes of heading 6902, a brick which contains both chromium and magnesium is classifiable according to which of those components (expressed as Cr<sub>2</sub>O<sub>3</sub> or MgO, respectively) is the greater by weight.
4. For the purposes of headings 6905, 6907 and 6908, the term "tiles" does not include any article 3.2 cm or more in thickness.
5. For the purposes of headings 6909 through 6914:
  - (a) The terms "porcelain," "china" and "chinaware" embrace ceramic ware (other than stoneware), whether or not glazed or decorated, having a fired white body (unless artificially colored) which will not absorb more than 0.5 percent of its weight of water and is translucent in thicknesses of several millimeters. The term "stoneware" as used in this note, embraces ceramic ware which contains clay as an essential ingredient, is not commonly white, will absorb not more than 3 percent of its weight of water, and is naturally opaque (except in very thin pieces) even when absorption is less than 0.1 percent.
  - (b) The term "bone chinaware" embraces chinaware or porcelain the body of which contains 25 percent or more of calcined bone or tricalcium phosphate.
  - (c) The term "earthenware" embraces ceramic ware, whether or not glazed or decorated, having a fired body which contains clay as an essential ingredient, and will absorb more than 3 percent of its weight of water.
  - (d) The water absorption of a ceramic body shall be determined by ASTM test method designated C373 (except that test specimens may have a minimum weight of 10 g, and may have one large surface glazed).

6. For the purposes of headings 6911 and 6912:

- (a) The term "available in specified sets" embraces plates, cups, saucers and other articles principally used for preparing, serving or storing food or beverages, or food or beverage ingredients, which are sold or offered for sale in the same pattern, but no article is classifiable as being "available in specified sets" unless it is of a pattern in which at least the articles listed below in (b) of this note are sold or offered for sale.
- (b) If each of the following articles is sold or offered for sale in the same pattern, the classification hereunder in subheadings 6911.10.35, 6911.10.37, 6911.10.38, 6912.00.35 or 6912.00.39, of all articles of such pattern shall be governed by the aggregate value of the following articles in the quantities indicated, as determined by the appropriate customs officer under section 402 of the Tariff Act of 1930, as amended, whether or not such articles are imported in the same shipment:

12 plates of the size nearest to 26.7 cm in maximum dimension, sold or offered for sale,  
12 plates of the size nearest to 15.3 cm in maximum dimension, sold or offered for sale,  
12 tea cups and their saucers, sold or offered for sale,  
12 soups of the size nearest to 17.8 cm in maximum dimension, sold or offered for sale,  
12 fruits of the size nearest to 12.7 cm in maximum dimension, sold or offered for sale,  
1 platter or chop dish of the size nearest to 38.1 cm in maximum dimension, sold or offered for sale,  
1 open vegetable dish or bowl of the size nearest to 25.4 cm in maximum dimension, sold or offered for sale,  
1 sugar of largest capacity, sold or offered for sale,  
1 creamer of largest capacity, sold or offered for sale.

If either soups or fruits are not sold or offered for sale, 12 cereals of the size nearest to 15.3 cm in maximum dimension, sold or offered for sale, shall be substituted therefor.

- (c) The percentage of water absorption of cast and jiggered ceramic articles of the same pattern, which are "available in specified sets" and which are imported together in a ratio of at least 5 jiggered articles to 1 cast article in the same shipment shall be the average water absorption of such cast and jiggered articles, of the same pattern in the shipment, which average absorption shall be deemed to be equivalent to 5 percent of the water absorption of a representative sample of such cast articles plus 95 percent of the water absorption of a representative sample of such jiggered articles.

7. For the purposes of headings 6911, 6912 and 6913, those provisions which classify merchandise according to the value of each "article," an article is a single tariff entity which may consist of more than one piece. For example, a vegetable dish and its cover, or a beverage pot and its lid, imported in the same shipment, constitute an article.

#### Statistical Notes

- For the purposes of headings 6904 and 6905, a "heat insulating" article, whether or not shaped, is one having a specific gravity of 1.2 or less and designed to impede or resist the flow of heat at temperatures above 870°C.
- For the purposes of heading 6904:
  - The term "solid bricks" refers to bricks containing not more than 25 percent voids.
  - The term "hollow bricks" refers to bricks containing more than 25 percent voids.

I. GOODS OF SILICEOUS FOSSIL MEALS OR OF SIMILAR SILICEOUS EARTHS, AND REFRACTORY GOODS

6901.00.00	00	Bricks, blocks, tiles and other ceramic goods of siliceous fossil meals (for example, kieselguhr, tripolite or diatomite) or of similar siliceous earths.....	t.....	3.9%	Free (CA, E, IL, J) 3.9% (MX)	30%
6902		Refractory bricks, blocks, tiles and similar refractory ceramic constructional goods, other than those of siliceous fossil meals or similar siliceous earths:				
6902.10		Containing by weight, singly or together, more than 50 percent of the elements magnesium, calcium or chromium, expressed as MgO, CaO or Cr <sub>2</sub> O <sub>3</sub> :				
6902.10.10	00	Magnesite bricks.....	thousand t	Free		13%
6902.10.50	00	Other.....	t.....	3.9%	Free (A, CA, E, IL, J, MX)	30%
6902.20		Containing by weight more than 50 percent of alumina (Al <sub>2</sub> O <sub>3</sub> ), of silica (SiO <sub>2</sub> ) or of a mixture or compound of these products:				
6902.20.10		Bricks.....	.....	Free		25%
	10	Alumina.....	thousand t			
	20	Other.....	thousand t			
6902.20.50		Other.....	.....	3.9%	Free (A, CA, E, IL, J, MX)	30%
	10	Alumina.....	t			
	20	Other.....	t			
6902.90		Other:				
6902.90.10		Bricks.....	.....	Free		25%
	10	Clay.....	thousand t			
	20	Other.....	thousand t			
6902.90.50		Other.....	.....	3.9%	Free (A, E, IL, J, MX) 1.4% (CA)	30%
	10	Clay.....	t			
	20	Other.....	t			
6903		Other refractory ceramic goods (for example, retorts, crucibles, muffles, nozzles, plugs, supports, cupels, tubes, pipes, sheaths and rods), other than those of siliceous fossil meals or of similar siliceous earths:				
6903.10.00	00	Containing by weight more than 50 percent of graphite or other forms of carbon or of a mixture of these products.....	kg.....	3.9%	Free (A, E, IL, J, MX) 1.4% (CA)	45%
6903.20.00	00	Containing by weight more than 50 percent of alumina (Al <sub>2</sub> O <sub>3</sub> ) or of a mixture or compound of alumina and of silica (SiO <sub>2</sub> ).....	kg.....	3.9%	Free (A, CA, E, IL, J, MX)	30%
6903.90.00		Other.....	.....	3.9%	Free (A, CA, E, IL, J, MX)	30%
	10	Of clay.....	kg			
	50	Other.....	kg			

II. OTHER CERAMIC PRODUCTS

6904	Ceramic building bricks, flooring blocks, support or filler tiles and the like:					
6904.10.00	Building bricks.....	Free			Free	
	Solid bricks:					
10	Heat insulating.....	thousand				
20	Other.....	thousand				
	Hollow bricks:					
30	Heat insulating.....	thousand				
40	Other.....	thousand				
6904.90.00	Other.....	X.....	3.9%		Free (A, CA, E, IL, J, MX)	30%
6905	Roofing tiles, chimney pots, cowls, chimney liners, architectural ornaments and other ceramic constructional goods:					
6905.10.00	Roofing tiles.....	m <sup>2</sup> .....	13.5%		Free (A*, CA, E, IL, J, MX)	55%
6905.90.00	Other.....		4.6%		Free (A, CA, E, IL, J, MX)	30%
10	Heat insulating.....	X				
50	Other.....	X				
6906.00.00	Ceramic pipes, conduits, guttering and pipe fittings.....	kg.....	3.9%		Free (A, CA, E, IL, J, MX)	30%
6907	Unglazed ceramic flags and paving, hearth or wall tiles; unglazed ceramic mosaic cubes and the like, whether or not on a backing:					
6907.10.00	Tiles, cubes and similar articles, whether or not rectangular, the largest surface area of which is capable of being enclosed in a square the side of which is less than 7 cm....	m <sup>2</sup> .....	19%		Free (E, IL, J) 6% (CA) 16% (MX)	55%
6907.90.00	Other.....	m <sup>2</sup> .....	19%		Free (E, IL, J) 6% (CA) 16% (MX)	50%
6908	Glazed ceramic flags and paving, hearth or wall tiles; glazed ceramic mosaic cubes and the like, whether or not on a backing:					
6908.10	Tiles, cubes and similar articles, whether or not rectangular, the largest surface area of which is capable of being enclosed in a square the side of which is less than 7 cm:					
6908.10.10	Having not over 3229 tiles per square meter, most of which have faces bounded entirely by straight lines.....	m <sup>2</sup> .....	19%		Free (E, IL, J) 6% (CA) 16% (MX)	55%
6908.10.20	Other: The largest surface area of which is less than 38.7 cm <sup>2</sup> .....	m <sup>2</sup> .....	19%		Free (A*, E, IL, J, MX) 6% (CA)	55%
6908.10.50	Other.....	m <sup>2</sup> .....	18%		Free (E, IL, J) 5.7% (CA) 15.2% (MX)	55%
6908.90.00	Other.....	m <sup>2</sup> .....	18%		Free (E, IL, J) 5.7% (CA) 15.2% (MX)	55%

6909			Ceramic wares for laboratory, chemical or other technical uses; ceramic troughs, tubs and similar receptacles of a kind used in agriculture; ceramic pots, jars and similar articles of a kind used for the conveyance or packing of goods:					
			Ceramic wares for laboratory, chemical or other technical uses:					
6909.11			Of porcelain or china:					
6909.11.20	00		Machinery parts.....	X.....	3.8%	Free	(A, E, IL, J, MX)	40%
							1.4% (CA)	
6909.11.40	00		Other.....	X.....	8.1%	Free	(A, E, IL, J, MX)	60%
							2.7% (CA)	
6909.19			Other:					
6909.19.10	00		Ferrite core memories.....	X.....	3.1%	Free	(A, E, IL, J, MX)	35%
							1.1% (CA)	
6909.19.50			Other.....		7.2%	Free	(A, E, IL, J, MX)	45%
							2.4% (CA)	<u>1</u> /
	10		Ceramic bearings.....	No.				
	90		Other.....	X				
6909.90.00	00		Other.....	X.....	7.2%	Free	(A, E, IL, J, MX)	45%
							2.4% (CA)	
6910			Ceramic sinks, washbasins, washbasin pedestals, baths, bidets, water closet bowls, flush tanks, urinals and similar sanitary fixtures:					
6910.10.00			Of porcelain or china.....		6.9%	Free	(A*, E, IL, J)	60%
							2.1% (CA)	
	05		Water closet bowls, flushometer type....	No.				
	10		Water closet bowls with tanks, in one piece.....	No.				5.7% (MX)
	15		Flush tanks.....	No.				
	20		Other water closet bowls.....	No.				
	30		Sinks and lavatories.....	No.				
	50		Other.....	No.				
6910.90.00	00		Other.....	No.....	6.9%	Free	(A*, E, IL, J, MX)	60%
							2.1% (CA)	

1/ See subheading 9905.69.10.

6911		Tableware, kitchenware, other household articles and toilet articles, of porcelain or china:					
6911.10		Tableware and kitchenware:					
6911.10.10	00	Hotel or restaurant ware and other ware not household ware.....	doz.pcs.	34%	Free (CA,E,IL,J) 28% (MX)	75%	
		Other:					
		Of bone chinaware:					
6911.10.15	00	Valued not over \$31.50 per dozen pieces.....	doz.pcs.	8%	Free (A,CA,E,IL, J,MX)	75%	
6911.10.25	00	Other.....	doz.pcs.	7.6%	Free (A,CA,E,IL, J,MX)	75%	
		Other:					
		Available in specified sets:					
6911.10.35		In any pattern for which the aggregate value of the articles listed in additional U.S. note 6(b) of this chapter is not over \$56.....	.....	26%	Free (A,CA,E,IL, J,MX)	75%	
	10	Plates not over 27.9 cm in maximum dimension; teacups and saucers; mugs; soups, fruits and cereals, the fore- going not over 22.9 cm in maximum dimension.....	doz. pcs.				
	50	Other.....	doz. pcs.				
		In any pattern for which the aggregate value of the articles listed in additional U.S. note 6(b) of this chapter is over \$56:					
6911.10.37		Aggregate value not over \$200.....	.....	8%	Free (A,CA,E,IL, J,MX)	75%	
	10	Plates not over 27.9 cm in max- imum dimension, teacups and saucers; mugs; soups, fruits and cereals, the foregoing not over 22.9 cm in maximum dimension.....	doz.pcs.				
	50	Other.....	doz.pcs.				
6911.10.38		Aggregate value over \$200.....	.....	7.6%	Free (A,CA,E,IL, J,MX)	75%	
	10	Plates not over 27.9 cm in max- imum dimension, teacups and saucers; mugs; soups, fruits and cereals, the foregoing not over 22.9 cm in maximum dimension.....	doz.pcs.				
	50	Other.....	doz.pcs.				

6911 (con.)	Tableware, kitchenware, other household articles and toilet articles, of porcelain or china (con.):					
6911.10 (con.)	Tableware and kitchenware (con.):					
	Other (con.):					
	Other (con.):					
	Other:					
6911.10.41	00	Steins with permanently attached pewter lids, candy boxes, decanters, punch bowls, pretzel dishes, tidbit dishes, tiered servers, bonbon dishes, egg cups, spoons and spoon rests, oil and vinegar sets, tumblers and salt and pepper shaker sets.....	doz.pcs.	8.5%	Free (A, CA, E, IL, J, MX)	70%
6911.10.45	00	Mugs and other steins.....	doz.pcs.	17.2%	Free (A, CA, E, IL, J, MX)	70%
6911.10.52	00	Cups valued over \$8 but not over \$29 per dozen; saucers valued over \$5.25 but not over \$18.75 per dozen; soups, oatmeals and cereals valued over \$9.30 but not over \$33 per dozen; plates not over 22.9 cm in maximum diameter and valued over \$8.50 but not over \$31 per dozen; plates over 22.9 but not over 27.9 cm in maximum diameter and valued over \$11.50 but not over \$41 per dozen; platters or chop dishes valued over \$40 but not over \$143 per dozen; sugars valued over \$23 but not over \$85 per dozen; creamers valued over \$20 but not over \$75 per dozen; and beverage servers valued over \$50 but not over \$180 per dozen.....	doz.pcs.	8%	Free (CA, E, IL, J, MX)	75%

6911 (con.)	Tableware, kitchenware, other household articles and toilet articles, of porcelain or china (con.):				
6911.10 (con.)	Tableware and kitchenware (con.):				
	Other (con.):				
	Other (con.):				
	Other (con.):				
6911.10.58	00	Cups valued over \$29 per dozen; saucers valued over \$18.75 per dozen; soups, oatmeals and cereals valued over \$33 per dozen; plates not over 22.9 cm in maximum diameter and valued over \$31 per dozen; plates over 22.9 but not over 27.9 cm in maximum diameter and valued over \$41 per dozen; sugars valued over \$85 per dozen; creamers valued over \$75 per dozen; and beverage servers valued over \$180 per dozen1.....	doz.pcs.	7.6%	Free (CA, E, IL, J, MX) 75%
6911.10.60	00	Serviette rings.....	doz.pcs.	25.5%	Free (A, CA, E, IL, J, MX) 75%
6911.10.80		Other.....		25.5%	Free (CA, E, IL, J) 15.6% (MX) 75%
	10	Suitable for food or drink contact.....	doz.pcs.		
	90	Other.....	doz.pcs.		
6911.90.00		Other.....		8.3%	Free (A*, E, IL, J, MX) 2.7% (CA) 70%
	10	Toilet articles.....	X		
	50	Other.....	X		

6912.00		Ceramic tableware, kitchenware, other household articles and toilet articles, other than of porcelain or china:				
		Tableware and kitchenware:				
6912.00.10	00	Of coarse-grained earthenware, or of coarse-grained stoneware; of fine-grained earthenware, whether or not decorated, having a reddish-colored body and a lustrous glaze which, on teapots, may be any color, but which, on other articles, must be mottled, streaked or solidly colored brown to black with metallic oxide or salt.....	doz.pcs.	1.3%	Free (A,CA,E,IL, J,MX)	25%
		Other:				
6912.00.20	00	Hotel or restaurant ware and other ware not household ware.....	doz.pcs.	34.3%	Free (CA,E,IL,J) 28% (MX)	55%
		Other:				
6912.00.35		Available in specified sets:				
		In any pattern for which the aggregate value of the articles listed in additional U.S. note 6(b) of this chapter is not over \$38.....	.....	11.2%	Free (A,CA,E,IL, J,MX)	55%
	10	Plates not over 27.9 cm in maximum dimension; teacups and saucers; mugs; soups, fruits and cereals, the foregoing not over 22.9 cm in maximum dimension.....	doz.pcs.			
	50	Other.....	doz.pcs.			
6912.00.39		In any pattern for which the aggregate value of the articles listed in additional U.S. note 6(b) of this chapter is over \$38.....	.....	4.5%	Free (CA,E,IL,J) 2.7% (MX)	55%
	10	Plates not over 27.9 cm in maximum dimension; teacups and saucers; mugs; soups, fruits and cereals, the foregoing not over 22.9 cm in maximum dimension.....	doz.pcs.			
	50	Other.....	doz.pcs.			

6912.00 (con.)		Ceramic tableware, kitchenware, other household articles and toilet articles, other than of porcelain or china (con.):				
		Tableware and kitchenware (con.):				
		Other (con.):				
		Other (con.):				
		Other:				
6912.00.41	00	Steins with permanently attached pewter lids; candy boxes, decanters, punch bowls, pretzel dishes, tidbit dishes, tiered servers, bonbon dishes, egg cups, spoons and spoon rests, oil and vinegar sets, tumblers and salt and pepper shaker sets.....	doz.pcs.	5.2%	Free	(A, CA, E, IL, J) 55% J, MX)
6912.00.44	00	Mugs and other steins.....	doz.pcs.	12.8%	Free	(A*, CA, E, IL, J, MX) 55%
6912.00.45	00	Cups valued over \$5.25 per dozen; saucers valued over \$3 per dozen; soups, oatmeals and cereals valued over \$6 per dozen; plates not over 22.9 cm in maximum diameter and valued over \$6 per dozen; plates over 22.9 but not over 27.9 cm in maximum diameter and valued over \$8.50 per dozen; platters or chop dishes valued over \$35 per dozen; sugars valued over \$21 per dozen; creamers valued over \$15 per dozen; and beverage servers valued over \$42 per dozen.....	doz.pcs.	4.5%	Free	(CA, E, IL, J) 55% 2.7% (MX)
6912.00.46	00	Serviette rings.....	doz.pcs.	11.2%	Free	(A, CA, E, IL, J) 55% J, MX)
6912.00.48		Other.....		11.2%	Free	(A, CA, E, IL, J) 55% 6.9% (MX)
	10	Suitable for food or drink contact.....	doz.pcs.			
	90	Other.....	doz.pcs.			
6912.00.50	00	Other.....	X.....	6.8%	Free	(A, CA, E, IL, J, MX) 50.5%

6913		Statuettes and other ornamental ceramic articles:					
6913.10		Of porcelain or china:					
6913.10.10	00	Statues, statuettes and handmade flowers, valued over \$2.50 each and produced by professional sculptors or directly from molds made from original models produced by professional sculptors.....	X.....	2.6%	Free	(A, E, IL, J, MX)	20%
					0.7%	(CA)	
		Other:					
6913.10.20	00	Of bone chinaware.....	doz.pcs.	5.9%	Free	(A, E, IL, J, MX)	70%
					1.9%	(CA)	
6913.10.50	00	Other.....	doz.pcs.	Free			70%
6913.90		Other:					
6913.90.10	00	Statues, statuettes and handmade flowers, valued over \$2.50 each and produced by professional sculptors or directly from molds made from original models produced by professional sculptors.....	X.....	2.5%	Free	(A, E, IL, J, MX)	20%
					0.7%	(CA)	
		Other:					
6913.90.20	00	Of ceramic tile.....	X.....	3.4%	Free	(A, E, IL, J, MX)	50%
					1.2%	(CA)	
6913.90.30	00	Of earthenware, whether or not decorated, having a reddish-colored body and a lustrous glaze, and mottled, streaked or solidly colored brown to black with metallic oxide or salt.....	doz.pcs.	2%	Free	(A, E, IL, J, MX)	25%
					0.7%	(CA)	
6913.90.50	00	Other.....	X.....	6.8%	Free	(A, E, IL, J, MX)	51.5%
					2.1%	(CA)	
6914		Other ceramic articles:					
		Of porcelain or china:					
6914.10.40	00	Ceramic ferrules of porcelain or china, not exceeding 3 mm in diameter or 25 mm in length, having a fiber channel opening and/or ceramic mating sleeves of alumina or zirconia.....	X.....	Free			60%
6914.10.80	00	Other.....	X.....	9%	Free	(A, E, IL, J, MX)	60%
					2.7%	(CA)	
6914.90		Other:					
6914.90.40	00	Ceramic ferrules of alumina or zirconia, not exceeding 3 mm in diameter or 25 mm in length, having a fiber channel opening and/or ceramic mating sleeves of alumina or zirconia.....	X.....	Free			45%
6914.90.80	00	Other.....	X.....	7.5%	Free	(A, E, IL, J, MX)	45%
					2.4%	(CA)	