

# **SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS**

## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS

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Part 1 - Nonmetallic Minerals and Products, Except  
Ceramic Products and Glass and Glass  
Products

- A. Hydraulic Cement; Concrete; Concrete  
Products
- B. Lime, Gypsum, and Plaster Products
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- D. Mica and Mica Products
- E. Graphite and Related Products
- F. Asbestos and Asbestos Products
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# TARIFF SCHEDULES OF THE UNITED STATES

## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 1: - Nonmetallic Minerals and Products, Except Ceramic Products and Glass and Glass Products

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Item	Articles	Rates of Duty	
		1	2
	<p><b>PART 1. - NONMETALLIC MINERALS AND PRODUCTS, EXCEPT CERAMIC PRODUCTS AND GLASS AND GLASS PRODUCTS</b></p> <p><b>Subpart A. - Hydraulic Cement; Concrete; Concrete Products</b></p> <p><u>Subpart A headnotes:</u></p> <p>1. For the purposes of this subpart —</p> <p>(a) the term "cement" means cementing materials without added sand, gravel, or other aggregate; and</p> <p>(b) the term "concrete" means a composite of cementing materials (including bitumens and resins) with added sand, gravel, or other mineral aggregate; and</p> <p>(c) the term "tiles" does not include any article 1.25 inches or more in thickness.</p> <hr/> <p>Hydraulic cement and cement clinker:</p> <p>511.11 White, nonstaining Portland cement.....</p> <p>511.14 Other.....</p> <p>Concrete mixes, whether wet or dry:</p> <p>511.21 Hydraulic cement concrete.....</p> <p>511.25 Other.....</p> <p>Articles, including terrazzo, of concrete, with or without reinforcement:</p> <p>Tiles:</p> <p>511.31 Floor and wall tiles.....</p> <p>511.41 Other tiles, including roofing tiles.....</p> <p>Other, not specially provided for:</p> <p>511.51 Articles of tiles described in item 511.31....</p> <p>Other:</p> <p>511.61 Not decorated.....</p> <p>511.71 Decorated.....</p> <p><b>Subpart B. - Lime, Gypsum, and Plaster Products</b></p> <p><u>Subpart B headnote:</u></p> <p>1. This subpart does not cover gypsum or plaster building boards and lath (see part 3 of schedule 2).</p> <hr/> <p>Lime:</p> <p>512.11 Hydrated.....</p> <p>512.14 Other.....</p>	<p>3¢ per 100 lbs., including weight of container</p> <p>2.25¢ per 100 lbs., including weight of container</p> <p>5% ad val.</p> <p>15% ad val.</p> <p>21% ad val.</p> <p>26% ad val.</p> <p>12.5% ad val.</p> <p>15% ad val.</p> <p>27% ad val.</p> <p>3¢ per 100 lbs., including weight of container</p> <p>2.5¢ per 100 lbs., including weight of container</p>	<p>8¢ per 100 lbs., including weight of container</p> <p>6¢ per 100 lbs., including weight of container</p> <p>20% ad val.</p> <p>30% ad val.</p> <p>55% ad val.</p> <p>55% ad val.</p> <p>50% ad val.</p> <p>30% ad val.</p> <p>40% ad val.</p> <p>12¢ per 100 lbs., including weight of container</p> <p>10¢ per 100 lbs., including weight of container</p>

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Item	Articles	Rates of Duty	
		1	2
512.21 512.24	Plaster rock or gypsum: Not ground and not wholly or partly calcined..... Ground, wholly or partly calcined, or both.....	Free \$1.19 per ton	Free \$1.40 per ton
512.31 512.35	Cement of gypsum: Valued not over \$40 per ton..... Valued over \$40 per ton.....	\$10 per ton \$14 per ton	\$10 per ton \$14 per ton
512.41 512.44	Articles not specially provided for, of plaster of Paris, with or without reinforcement: Statues, statuettes, and bas-reliefs..... Other.....	10% ad val. 12% ad val.	60% ad val. 35% ad val.
<b>Subpart C. - Stone and Stone Products</b>			
<u>Subpart C headnotes:</u>			
1. This subpart covers stone and articles of stone, but does not include — (i) limestone to be used in the manufacture of fertilizer (see part II of schedule 4); (ii) articles of concrete in which stone chips or particles are used as aggregate (see subpart A of this part); (iii) certain abrasives and abrasive stones (see subpart G of this part); (iv) precious and semiprecious stones (see subpart H of this part); (v) talc, soapstone, or cornwall stone (see subpart J of this part); and (vi) certain articles provided for in schedule 7.			
2. The term "slabs" (Items 514.61 and 514.65) embraces flat stone pieces, not over 2 inches in thickness, having a facial area of 4 square inches or more, whether or not cut to size and whether or not one or both surfaces have been rubbed or polished, the edges of which have not been beveled, rounded or otherwise processed except such processing as may be needed to facilitate installation as tiling or veneering in building construction.			
513.11 513.14	Sand, crude or manufactured, and gravel: Sand containing by weight 95 percent or more of silica and not more than 0.6 percent of oxide of iron..... Other.....	50¢ per ton Free	\$2 per ton Free
513.21 513.31 513.34 513.41	Stone chips and spalls, and stone, crushed (otherwise than merely to facilitate shipment to the United States) or ground: Marble, breccia, and onyx chips..... Slate..... Limestone..... Other.....	10% ad val. 10.5% ad val. 20¢ per short ton 5.5% ad val.	30% ad val. 25% ad val. \$1 per short ton 30% ad val.
513.51	Stone statuary and sculptures not specially provided for, the professional productions of sculptors only...	8% ad val.	20% ad val.

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Item	Articles	Rates of Duty	
		1	2
513.61	Granite and articles of granite: Granite, not manufactured, and not suitable for use as monumental, paving, or building stone.....	Free	Free
513.71	Granite, suitable for use as monumental, paving, or building stone: Not pitched, not lined, not pointed, not hewn, not sawed, not dressed, not polished, and not otherwise manufactured.....	1¢ per cu. ft.	25¢ per cu. ft.
513.74	Pitched, lined, pointed, hewn, sawed, dressed, polished, or otherwise manufactured.....	12.5% ad val.	60% ad val.
513.81	Other, not specially provided for: Not decorated.....	15% ad val.	30% ad val.
513.84	Decorated.....	27% ad val.	40% ad val.
	Jet; and articles of alabaster, of jet, or of alabaster and jet:		
513.91	Jet, not manufactured.....	Free	Free
513.94	Other, not specially provided for.....	17% ad val.	50% ad val.
514.11	Limestone and articles of limestone: Limestone, crude, not suitable for use as monu- mental, paving, or building stone.....	20¢ per short ton	\$1 per short ton
514.21	Limestone suitable for use as monumental, paving, or building stone: Not hewn, not sawed, not dressed, not polished, and not otherwise manufactured.....	2¢ per cu. ft.	15¢ per cu. ft.
514.24	Hewn, sawed, dressed, polished, or otherwise manufactured.....	21% ad val.	50% ad val.
514.34	Other, not specially provided for: Articles of chalk.....	10% ad val.	25% ad val.
514.41	Other: Not decorated.....	15% ad val.	30% ad val.
514.44	Decorated.....	27% ad val.	40% ad val.
	Marble, breccia, and onyx, and articles of one or more of these substances:		
514.51	Marble, breccia, in block, rough or squared only...	27.5¢ per cu. ft.	65¢ per cu. ft.
514.54	Onyx, in block, rough or squared only.....	32.5¢ per cu. ft.	65¢ per cu. ft.
514.57	Marble, breccia, or onyx, sawed or dressed, over 2 inches thick.....	50¢ per cu. ft.	\$1 per cu. ft.
514.61	Slabs: Not rubbed and not polished in whole or in part.....	5.5% ad val.	13% ad val.
514.65	Rubbed or polished in whole or in part.....	7% ad val.	15% ad val.
514.81	Other, not specially provided for.....	21% ad val.	50% ad val.
514.91	Quartzite, whether or not manufactured.....	Free	Free
	Slate, and articles of slate:		
515.11	Roofing slate.....	25% ad val.	25% ad val.
515.14	Other, not specially provided for.....	10.5% ad val.	25% ad val.
515.21	Travertine and articles of travertine: Travertine, not hewn, not sawed, not dressed, not polished, and not otherwise manufactured.....	10.5¢ per cu. ft.	25¢ per cu. ft.
515.24	Travertine, hewn, sawed, dressed, polished, or otherwise manufactured, and suitable for use as monumental, paving, or building stone.....	21% ad val.	50% ad val.
515.31	Other, not specially provided for: Not decorated.....	15% ad val.	30% ad val.
515.34	Decorated.....	27% ad val.	40% ad val.

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Item	Articles	Rates of Duty	
		1	2
515.41	Stone, and articles not specially provided for, of stone: Stone, not manufactured, and not suitable for use as monumental, paving, or building stone..... Stone suitable for use as monumental, paving, or building stone:	Free	Free
515.51	Not hewn, not sawed, not dressed, not polished, and not otherwise manufactured.....	2¢ per cu. ft.	15¢ per cu. ft.
515.54	Hewn, sawed, dressed, polished, or otherwise manufactured.....	21% ad val.	50% ad val.
515.61	Other: Not decorated.....	15% ad val.	30% ad val.
515.64	Decorated.....	27% ad val.	40% ad val.
Subpart D. - Mica and Mica Products			
Subpart D headnotes:			
1. For the purposes of this subpart — (a) the term "mica" includes both natural and man-made mica; (b) the term "split block mica" (Item 516.31) means mica, not exceeding 0.020 inch in thickness, that has been split and selected within a tolerance of 8 mils, but which has not been cut or stamped to dimensions, shape or form; (c) the term "mica splittings" (Item 516.51) means mica laminae in book-form or book-pack, or in loose pack, suitable for use in the manufacture of built-up mica (Item 516.91); and (d) the term "built-up mica" (Item 516.91) means electrical insulating plates, sheets, and tapes, whether or not attached to paper, cloth, or other backing, consisting of reconstituted mica whether or not treated with resins or of layers of mica splittings and bonding material.			
Mica not manufactured (including mica over 0.006 inch in thickness, not cut or stamped to dimensions, shape or form, and split block mica), and mica scalings, mica cleanings, and other mica waste and scrap:			
516.11	Untrimmed phlogopite from which no rectangular piece over 2 inches long or 1 inch wide may be cut.....	5% ad val.	15% ad val.
516.21	Waste and scrap valued not over 5 cents per pound: Phlogopite.....	12.5% ad val.	25% ad val.
516.24	Other.....	12.5% ad val.	25% ad val.
516.31	Split block mica.....	Free	Free
516.41	Other.....	4¢ per lb.	4¢ per lb.
516.51	Mica splittings.....	Free	Free
516.61	Mica, not over 0.006 inch in thickness, not cut or stamped to dimensions, shape or form.....	Free	Free

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Item	Articles	Rates of Duty	
		1	2
516.71	Mica, cut or stamped to dimensions, shape, or form, whether or not perforated or indented, and whether or not dedicated to a specific use: Not over 0.006 inch in thickness..... Over 0.006 inch in thickness: Not perforated or indented:	22.5% ad val.	45% ad val.
516.73	Fuse disks, split to thickness.....	25% ad val.	40% ad val.
516.74	Other.....	40% ad val.	40% ad val.
516.76	Perforated or indented.....	25% ad val.	40% ad val.
516.81	Mica, ground or pulverized.....	12.5% ad val.	20% ad val.
516.91	Built-up mica.....	17% ad val.	40% ad val.
516.94	Articles not specially provided for, of mica.....	25% ad val.	40% ad val.
<b>Subpart E. - Graphite and Related Products</b>			
517.11	Graphite, crude and refined: Artificial..... Natural:	5% ad val.	10% ad val.
517.21	Crystalline flake (not including flake dust): Valued not over 5.5 cents per pound.....	15% ad val.	1.65¢ per lb.
517.24	Valued over 5.5 cents per pound.....	0.825¢ per lb.	1.65¢ per lb.
517.27	Crystalline lump or chip.....	5.5% ad val.	30% ad val.
517.31	Other.....	0.5% ad val. <sup>1/</sup>	10% ad val. <sup>1/</sup>
517.51	Calcined petroleum and coal coke, not commercially suitable for use as a fuel.....	15% ad val.	45% ad val.
517.61	Carbons and electrodes: Electrodes, in part of carbon or graphite, for electric furnace or electrolytic purposes..... Carbons and electrodes, for producing electric arc light:	12.5% ad val.	45% ad val.
517.71	Under 0.5 inch in diameter or of equivalent cross-sectional area.....	14% ad val.	60% ad val.
517.74	0.5 inch or more in diameter or of equivalent cross-sectional area.....	12% ad val.	45% ad val.
517.81	Brushes for electric generators, motors, or other electrical machines or appliances; plates, rods, powder, and other forms, wholly or partly manufactured, for manufacturing into the aforesaid brushes...	10% ad val.	45% ad val.
517.91	Articles not specially provided for, of carbon or graphite.....	15% ad val.	45% ad val.
<b>Subpart F. - Asbestos and Asbestos Products</b>			
<b>Subpart F headnote:</b>			
1. This subpart does not include footwear, headwear, gloves, laminated or reinforced plastics, and certain other articles provided for in schedule 7.			
518.11	Asbestos, not manufactured, asbestos crudes, fibers, and stucco, and asbestos sand and refuse containing not more than 15 percent by weight of foreign matter..	Free	Free
<sup>1/</sup> Duty temporarily suspended for graphite valued \$50 or less per ton. See part 1 of Appendix to Tariff Schedules.			

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## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part I. - Nonmetallic Minerals and Products, Except Ceramic Products and Glass and Glass Products

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Item	Articles	Rates of Duty	
		1	2
518.21	Yarn, slivers, rovings, wick, rope, cord, cloth, tape, and tubing, of asbestos, or of asbestos and any other spinnable fiber, with or without wire, and articles of any of the foregoing.....	8% ad val.	40% ad val.
518.41	Articles in part of asbestos and hydraulic cement:		
518.44	Pipes and tubes and fittings therefor.....	0.3¢ per lb.	0.75¢ per lb.
	Other.....	0.225¢ per lb.	1¢ per lb.
518.51	Articles not specially provided for, of asbestos.....	9% ad val.	25% ad val.
<b>Subpart G. - Abrasives and Abrasive Articles</b>			
<u>Subpart G headnotes:</u>			
<p>1. This subpart covers certain crude minerals commonly used for making abrasives and abrasive articles (Items 519.01 through 519.17, inclusive) but these minerals are classifiable in this subpart even if they are not of abrasive quality. This subpart also covers certain minerals and artificial abrasives in forms suitable for use as abrasives or for abrasive purposes (Items 519.31 through 519.37, inclusive). The remaining provisions of this subpart apply to papers, cloths, stones, and other articles which are cut or fashioned from natural stone or made from natural or artificial abrasive materials usually with the use of glues, resins, rubber or other binding materials, and which are designed and used for grinding, sharpening, smoothing, polishing, trueing, cutting, or similar purposes. The provisions of this subpart do not cover —</p> <ul style="list-style-type: none"> <li>(i) sand (see subpart C of this part), unless made up into abrasive articles;</li> <li>(iii) natural or synthetic diamond dust or powder (see subpart H of this part);</li> <li>(iii) crushed or powdered glass (see part 3 of this schedule), unless made up into abrasive articles;</li> <li>(iv) cosmetics and other toilet preparations (see part 7B of schedule 4);</li> <li>(v) soap and synthetic detergents (see part 8B of schedule 4);</li> <li>(vi) wheels or other abrasive articles mounted in frameworks or machines (see schedule 6);</li> <li>(vii) dental burrs (see part 2 of schedule 7); or</li> <li>(viii) tools to which abrasives have been applied but which have other functioning or working elements such as cutting teeth, edges, grooves, and flutes (see schedule 6).</li> </ul> <p>2. For the purposes of this subpart —</p> <ul style="list-style-type: none"> <li>(a) the term "<u>pumice</u>" includes both pumice and pumicite; and</li> <li>(b) the term "<u>wheels</u>" embraces rotary cutters, disks and other circular bodies designed to rotate on a central axis.</li> </ul>			



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	3. In determining the component material of chief value in the articles covered by Item 519.83, 519.91, 519.93, or 519.95, only the abrasive components thereof shall be compared.		
519.01	Burrstones in blocks, rough.....	Free	Free
519.05	Pumice stone to be used in the manufacture of concrete masonry products such as building blocks, bricks, tiles, and similar forms.....	Free	Free
	Emery, natural corundum, pumice, flint, rottenstone, and tripoli, all the foregoing, crude, or crushed merely to facilitate transportation to the United States:		
	Pumice:		
519.11	Valued not over \$15 per ton.....	0.0425¢ per lb.	0.1¢ per lb.
519.14	Valued over \$15 per ton.....	0.08¢ per lb.	0.25¢ per lb.
519.17	Other.....	Free	Free
519.21	Crude silicon carbide and crude artificial abrasives....	Free	Free
	Emery, natural corundum, pumice, flint, rottenstone, tripoli, garnet, silicon carbide, and artificial abrasives, all the foregoing, in grains, or ground, pulverized, or refined:		
519.31	Pumice.....	0.35¢ per lb.	0.75¢ per lb.
519.34	Rottenstone and tripoli.....	Free	Free
519.37	Other.....	0.5¢ per lb.	1¢ per lb.
519.51	Papers, cloths, and other materials, wholly or partly coated with abrasives, artificial or natural, or both, whether in the form of sheets, strips, disks, belts, sleeves, or similar forms.....	6.5% ad val.	20% ad val.
519.61	Hones, whetstones, oilstones, and polishing stones, all the foregoing (except emery files or stones), with or without handles, designed to be used directly in the hand.....	Free	Free
	Millstones, abrasive wheels, and abrasive articles not specially provided for:		
519.71	Burrstones, manufactured or bound up into millstones.....	Free	Free
	Abrasive wheels:		
519.81	Solid natural stone wheels.....	Free	Free
519.83	Of diamond.....	15% ad val.	30% ad val.
	Other:		
519.84	Bonded with synthetic resins.....	21¢ per lb. + 17% ad val.	50¢ per lb. + 40% ad val.
519.86	Other.....	10% ad val.	20% ad val.
	Other:		
519.91	Of emery or garnet.....	10% ad val.	20% ad val.
519.93	Of pumice.....	14% ad val.	35% ad val.
519.95	Of natural corundum or of artificial abrasive materials.....	5% ad val.	20% ad val.
519.97	Other.....	15% ad val.	30% ad val.

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Item	Articles	Rates of Duty	
		1	2
	<p><b>Subpart H. - Gems, Gemstones, and Articles Thereof; Industrial Diamonds</b></p> <p><u>Subpart H headnotes:</u></p> <p>1. The provisions of this subpart do not cover --            (i) abrasives other than diamond dust or powder, and abrasive articles (see subpart G of this part);            (ii) drills and other tools provided for in part 3E of schedule 6;            (iii) recording or transcribing styluses, needles, and points (see part 5 of schedule 6);            (iv) optical elements (see part 2A of schedule 7);            (v) jewel bearings (see part 2E of schedule 7); or            (vi) jewelry and other articles provided for in part 6 of schedule 7.</p> <p>2. For the purposes of the tariff schedules, the term "<u>precious stones</u>" means natural diamonds, emeralds, rubies, and sapphires.</p>		
520.11	Precious and semiprecious stones, natural (except industrial diamonds), whether in their natural form or broken but not advanced in condition or value from their natural state, and not set.....	Free	Free
	Industrial diamonds, natural or synthetic, whether or not advanced in condition or value from their crude state by cleaving, cutting, lapping, sawing, or other process, but not set and not suitable for use in the manufacture of jewelry:		
520.21	Synthetic.....	15% ad val.	30% ad val.
	Natural:		
520.23	Miners' diamonds.....	Free	Free
520.27	Crushing bort.....	Free	Free
520.28	Powder or dust.....	Free	Free
	Other:		
520.29	Not advanced in condition or value.....	Free	Free
520.31	Advanced in condition or value.....	15% ad val.	30% ad val.
	Precious and semiprecious stones, cut but not set, and suitable for use in the manufacture of jewelry:		
	Diamonds:		
520.32	Weighing not over 0.5 carat.....	8% ad val.	10% ad val.
520.33	Weighing over 0.5 carat.....	10% ad val.	10% ad val.
520.34	If products of Cuba.....	8% ad val. (s)	
520.35	Rubies and sapphires.....	8% ad val.	10% ad val.
520.37	Marcasites.....	10% ad val.	20% ad val.
520.38	Emeralds.....	3% ad val.	10% ad val.
520.39	Other.....	5% ad val.	10% ad val.
	Other precious and semiprecious stones, and articles not specially provided for, of such stones:		
520.51	Of precious stones.....	15% ad val.	30% ad val.
520.54	Of rock crystal.....	21% ad val.	50% ad val.
520.61	Other.....	42.5% ad val.	50% ad val.
	(s) = Suspended. See general headnote 3(b).		

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**Part 1. - Nonmetallic Minerals and Products, Except Ceramic**  
**Products and Glass and Glass Products**

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		1	2
520.71	Synthetic materials of gemstone quality, such as, but not limited to, corundum, spinel, and rutile, and articles not specially provided for, of such materials:		
520.75	Synthetic materials, cut but not set, and suitable for use in the manufacture of jewelry.....	8% ad val.	10% ad val.
	Other.....	30% ad val.	30% ad val.
<b>Subpart J. - Miscellaneous Nonmetallic Minerals and Products</b>			
521.11	Asphaltum, bitumen, and limestone-rock asphalt.....	Free	Free
521.17	Bauxite, calcined.....	55¢ per ton <sup>1/</sup>	\$1 per ton <sup>1/</sup>
521.21	Brazilian pebble, crude.....	Free	Free
521.31	Coal of all classifications, including culm and slack, and including lignite but not including peat; coke commercially suitable for use as fuel; and compositions of coal, coke, or other carbonaceous material, whether in briquet or other form, used for fuel.....	Free	Free
	Clays, whether or not washed, ground, or otherwise beneficiated:		
521.41	China clay or kaolin.....	67¢ per ton	\$2.50 per ton
521.51	Fuller's earth:		
521.54	Not beneficiated.....	50¢ per ton	\$1.50 per ton
521.61	Wholly or partly beneficiated.....	\$1 per ton	\$3.25 per ton
	Bentonite.....	81.25¢ per ton	\$3.25 per ton
	Common blue clay and other ball clays:		
521.71	Not beneficiated.....	62¢ (73¢) per ton *	\$1 per ton
521.74	Wholly or partly beneficiated.....	\$1.21 (\$1.45) per ton *	\$2 per ton
	Other clays:		
521.81	Not beneficiated.....	50¢ per ton	\$1 per ton
521.84	Wholly or partly beneficiated.....	\$1 per ton	\$2 per ton
521.87	Any of the foregoing clays artificially activated with acid or other material.....	0.1¢ per lb. + 12.5% ad val.	0.25¢ per lb. + 30% ad val.
521.91	Cryolite or kryolith.....	Free	Free
522.11	Diatomite, crude or processed.....	Free	Free
	Fluorspar:		
522.21	Containing over 97% by weight of calcium fluoride..	\$2.10 per ton	\$5.60 per ton
522.24	Containing not over 97% by weight of calcium fluoride.....	\$8.40 per ton	\$8.40 per ton
	Natural mineral fluxes:		
	Crude:		
522.31	Feldspar.....	12.5¢ per ton	50¢ per ton
522.33	Nepheline syenite.....	Free	Free
522.35	Cornwall stone.....	Free	Free
522.37	Other.....	Free	Free
	Crushed (otherwise than merely to facilitate shipment to the United States), ground, or pulverized:		
522.41	Feldspar.....	7.5% ad val.	30% ad val.
522.43	Nepheline syenite.....	Free	Free
522.45	Other.....	15% ad val.	30% ad val.

\* See general headnote 3(f)(iii).  
<sup>1/</sup> Duty temporarily suspended by legislation. See part 1B of Appendix to Tariff Schedules.

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**Products and Glass and Glass Products**

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		1	2
522.51	Ice.....	Free	Free
	Magnesite:		
522.61	Crude.....	\$5.25 per ton	\$10.50 per ton
522.64	Caustic calcined.....	\$10.50 per ton	\$21 per ton
522.71	Meerschaum, crude.....	4% ad val.	20% ad val.
522.81	Mineral wool, in bulk, or in batts, blankets, or similar forms, whether or not lined, backed, or supported with paper, paperboard, or similar materials.....	15% ad val.	30% ad val.
523.11	Silica, not specially provided for.....	Free	Free
	Talc, steatite, and soapstone, and articles, of one or more of these substances:		
523.31	Crude and not ground.....	0.05¢ per lb.	0.25¢ per lb.
523.33	Ground, washed, powdered, or pulverized.....	12% ad val.	35% ad val.
523.35	Cut or sawed, or in blanks, crayons, cubes, disks, or other forms.....	0.5¢ per lb.	1¢ per lb.
523.37	Other, not specially provided for.....	24% ad val.	35% ad val.
523.41	Zaffer.....	Free	Free
523.51	Articles not specially provided for, of carbonate of magnesia.....	1¢ per lb.	2¢ per lb.
523.61	Articles not specially provided for, of pumice.....	14% ad val.	35% ad val.
	<b>Subpart K. - Nonmetallic Minerals and Products</b> <b>Not Specially Provided For</b>		
	<u>Subpart K headnote:</u> 1. This subpart covers mineral substances and articles of mineral substances, not provided for elsewhere in the schedules, but does not include: (i) chemical elements or chemical compounds in part 2 of schedule 4, or mineral substances provided for in other parts of schedule 4; or (ii) metal-bearing ores and other metal-bearing materials provided for in part 1 of schedule 6.		
	<hr/>		
	Mineral substances, and articles of mineral substances, not specially provided for:		
523.81	Mineral substances, crude.....	Free	Free
	Other:		
523.91	Not decorated.....	15% ad val.	30% ad val.
523.94	Decorated.....	27% ad val.	40% ad val.

# TARIFF SCHEDULES OF THE UNITED STATES

## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 2. - Ceramic Products

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Item	Articles	Rates of Duty	
		1	2
	<p><b>PART 2. - CERAMIC PRODUCTS</b></p> <p><u>Part 2 headnotes:</u></p> <p>1. This part covers ceramic wares, and articles of such wares and, in addition, certain unshaped refractory material (subpart A) closely related thereto.</p> <p>2. For the purposes of the tariff schedules --</p> <p>(a) a "<u>ceramic article</u>" is a shaped article having a glazed or unglazed body of crystalline or substantially crystalline structure, which body is composed essentially of inorganic nonmetallic substances and either is formed from a molten mass which solidifies on cooling, or 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 article;</p> <p>(b) the term "<u>earthenware</u>" 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 3.0 percent of its weight of water;</p> <p>(c) the term "<u>stoneware</u>" embraces ceramic ware whether or not glazed or decorated, having a fired body which contains clay as an essential ingredient, is not commonly white, will absorb not more than 3.0 percent of its weight of water, and is naturally opaque (except in very thin pieces) even when fully vitrified;</p> <p>(d) the term "<u>subporcelain</u>" embraces fine-grained ceramic ware (other than stoneware), whether or not glazed or decorated, having a fired body which is white (unless artificially colored) and will absorb more than 0.5 percent but not more than 3.0 percent of its weight of water;</p> <p>(e) the terms "<u>chinaware</u>" and "<u>porcelain</u>" embrace fine-grained ceramic ware (other than stoneware), whether or not glazed or decorated, having a body which is white (unless artificially colored) and will not absorb more than 0.5 percent of its weight of water;</p> <p>(f) the term "<u>bone chinaware</u>" embraces chinaware or porcelain the body of which contains by weight 25 percent or more of calcined bone;</p> <p>(g) the term "<u>nonbone chinaware</u>" embraces chinaware or porcelain other than bone chinaware;</p> <p>(h) the term "<u>coarse-grained</u>", as applied to ceramic ware, embraces such wares having a body made of materials none of which had been washed, ground, or otherwise beneficiated;</p> <p>(i) the term "<u>fine-grained</u>", as applied to ceramic wares, embraces such wares having a body made of materials any of which had been washed, ground, or otherwise beneficiated; and</p> <p>(j) the term "<u>body</u>" includes any engobe or body slip, except engobe or body slip applied to the body as a decoration; and</p> <p>(k) the water absorption of a ceramic body shall be determined by ASTM test method designated C373-56 (except that test specimens may have a minimum weight of 10 grams, and may have one large surface glazed).</p>		

# TARIFF SCHEDULES OF THE UNITED STATES

## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 2 - Ceramic Products

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Item	Articles	Rates of Duty	
		1	2
	Subpart A. - Refractory and Heat-Insulating Articles		
	Subpart A headnotes:		
	1. This subpart does not cover ceramic electrical ware (see subpart D of this part).		
	2. For the purposes of this subpart, "a <u>heat-insulating article</u> ", whether shaped or not shaped, is one having a bulk density not over 75 pounds per cubic foot and designed to impede or resist the flow of heat at temperatures above 1600°F.		
	3. For the purposes of this subpart, "a <u>refractory article</u> ", whether shaped or not shaped, is one having a bulk density over 75 pounds per cubic foot and designed to be used to resist temperatures above 2600°F. A shaped refractory article has 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.		
	4. For the purposes of items 531.21 and 531.24, a brick which contains both chrome and magnesite is classifiable according to which of those components is the greater by weight.		
	Refractory magnesite, including dead-burned magnesite, fused magnesite, and dead-burned dolomite:		
531.01	Not containing lime or containing by weight not over 4 percent lime.....	0.38¢ per lb.	0.75¢ per lb.
531.04	Containing by weight over 4 percent lime.....	12% ad val.	30% ad val.
531.11	Refractory and heat-insulating mortars, ramming mixes and castables; super-refractory powders.....	15% ad val.	30% ad val.
	Refractory and heat-insulating bricks of all sizes and shapes:		
531.21	Chrome bricks.....	25% ad val.	25% ad val.
531.24	Magnesite bricks.....	0.38¢ per lb. + 5% ad val.	0.75¢ per lb. + 10% ad val.
531.27	Other bricks.....	3% ad val.	25% ad val.
	Shaped refractory and heat-insulating articles not specially provided for, and structures of refractory or heat-insulating articles:		
531.31	Pins, spurs, stilts, and thimbles, all the foregoing used in the manufacture of ceramic articles.....	Free	Free
531.33	Carbon or graphite crucibles.....	15% ad val.	45% ad val.
531.35	Earthenware and stoneware crucibles.....	10% ad val.	15% ad val.
531.37	Porcelain refractory articles.....	45% ad val.	60% ad val.
531.39	Other.....	15% ad val.	30% ad val.

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**SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS**  
**Part 2. - Ceramic Products**

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Item	Articles	Rates of Duty	
		1	2
	<p align="center"><b>Subpart B. - Ceramic Construction Articles</b></p> <p><u>Subpart B headnotes:</u></p> <p>1. This subpart does not include —            (i) refractory and heat-insulating articles (see subpart A of this part); or            (ii) laboratory and industrial chemical ware, electrical ware, and sanitary ware and parts thereof (see subpart D of this part).</p> <p>2. For the purposes of this subpart —            (a) no article 1.25 inches or more in thickness shall be regarded as a tile; and            (b) the term "<u>construction articles</u>" means ceramic ware and articles of such ware such as, but not limited to, bricks, tiles, friezes, mantels, sewer and drain pipes and fittings therefor, flue linings, and hollow building blocks, chiefly used in the construction of buildings and other structures.</p>		
	Ceramic bricks:		
532.11	Not coated in whole or in part with engobe, glaze, or enamel.....	50¢ per 1,000	\$1.25 per 1,000
532.14	Coated in whole or in part with engobe, glaze, or enamel.....	6% ad val.	6% ad val.
	Ceramic tiles:		
	Floor and wall tiles:		
532.21	Mosaic tiles.....	24.5% ad val.	55% ad val.
	Other:		
532.24	Glazed.....	22.5% ad val.	55% ad val.
532.27	Other.....	24% ad val.	50% ad val.
532.31	Other tiles, including roofing tiles.....	27% ad val.	55% ad val.
532.41	Friezes, mantels, and other construction articles, all the foregoing, of ceramic tiles.....	12.5% ad val.	50% ad val.
532.61	Other construction articles.....	15% ad val.	30% ad val.
	<p align="center"><b>Subpart C. - Table, Kitchen, Household, Art and Ornamental Pottery</b></p> <p><u>Subpart C headnotes:</u></p> <p>1. This subpart covers ceramic articles chiefly used for preparing, serving, or storing food or beverages, or food or beverage ingredients; and certain smokers', household, and art and ornamental articles of ceramic ware. This subpart does not cover —            (i) smokers' articles provided for in part 98 of schedule 7;            (ii) other articles specifically provided for in schedule 7 or elsewhere in the schedules.</p> <p>2. (a) For the purposes of this subpart, the term "<u>available in specified sets</u>" (Items 533.23, 533.25, 533.27, 533.63, 533.65, 533.67, and 533.69) embraces plates, cups, saucers, and other articles chiefly used for preparing, serving, or storing food or beverages, or food or beverage ingredients, which are sold or</p>		

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SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS  
Part 2. - Ceramic Products

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Item	Articles	Rates of Duty	
		1	2
	<p>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) or (c) of this headnote are sold or offered for sale.</p> <p>(b) If each of the following articles is sold or offered for sale in the same pattern, the classification hereunder in Items 533.23, 533.25, 533.27, 533.63, 533.65, or 533.67, 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 appraiser under section 402 of the Tariff Act of 1930, as amended, whether or not such articles are imported in the same shipment:</p> <ul style="list-style-type: none"> <li>12 plates of the size nearest to 10.5 inches in maximum dimension, sold or offered for sale,</li> <li>12 plates of the size nearest to 6 inches in maximum dimension, sold or offered for sale,</li> <li>12 tea cups and their saucers,</li> <li>12 soups of the size nearest to 7 inches in maximum dimension, sold or offered for sale,</li> <li>12 fruits of the size nearest to 5 inches in maximum dimension, sold or offered for sale,</li> <li>1 platter or chop dish of the size nearest to 15 inches in maximum dimension, sold or offered for sale,</li> <li>1 open vegetable dish or bowl of the size nearest to 10 inches in maximum dimension, sold or offered for sale,</li> <li>1 sugar of largest capacity, sold or offered for sale,</li> <li>1 creamer of largest capacity, sold or offered for sale.</li> </ul> <p>If either soups or fruits are not sold or offered for sale, 12 cereals of the size nearest to 6 inches in maximum dimension, sold or offered for sale, shall be substituted therefor.</p> <p>(c) If each of the articles listed above in (b) of this headnote is not sold or offered for sale in the same pattern, but each of the following articles is sold or offered for sale in the same pattern, the classification hereunder in Item 533.69 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 appraiser under section 402 of the Tariff Act of 1930, as amended, whether or not such articles are imported in the same shipment:</p> <ul style="list-style-type: none"> <li>6 plates of the size nearest to 8 inches in maximum dimension, sold or offered for sale,</li> <li>6 beverage cups and their saucers,</li> <li>1 sugar of largest capacity, sold or offered for sale,</li> <li>1 creamer of largest capacity, sold or offered for sale,</li> <li>1 beverage pot of the size nearest a 6-cup capacity, sold or offered for sale.</li> </ul> <p>(d) 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,</p>		



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## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 2. - Ceramic Products

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Item	Articles	Rates of Duty	
		1	2
	<p>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.</p> <p>3. In those provisions of this part 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.</p>		
	Articles chiefly used for preparing, serving, or storing food or beverages, or food or beverage ingredients:		
533.11	Of coarse-grained earthenware, or of coarse-grained stoneware.....	5% ad val.	15% ad val.
	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:		
533.14	Valued not over \$1.50 per dozen articles....	12.5% ad val.	25% ad val.
533.16	Valued over \$1.50 per dozen articles.....	6.25% ad val.	25% ad val.
	Of fine-grained earthenware (except articles provided for in items 533.14 and 533.16) or of fine-grained stoneware:		
	Available in specified sets:		
533.23	In any pattern for which the aggregate value of the articles listed in headnote 2(b) of this subpart is not over \$3.30.....	10¢ per doz. pcs. + 28% ad val.	10¢ per doz. pcs. + 50% ad val.
533.25	In any pattern for which the aggregate value of the articles listed in headnote 2(b) of this subpart is over \$3.30 but not over \$7.....	10¢ per doz. pcs + 37% ad val.	10¢ per doz. pcs. + 50% ad val.
533.27	In any pattern for which the aggregate value of the articles listed in headnote 2(b) of this subpart is over \$7..	10¢ per doz. pcs. + 21% ad val.	10¢ per doz. pcs. + 50% ad val.
	Not available in specified sets:		
533.31	Steins, mugs, candy boxes, decanters, punch bowls, pretzel dishes, tidbit dishes, tiered servers, and bonbon dishes.....	10¢ per doz. pcs. + 25% ad val.	10¢ per doz. pcs. + 50% ad val.
	Other articles:		
533.33	Cups valued not over \$0.50 per dozen, saucers valued not over \$0.30 per dozen, plates not over 9 inches in maximum diameter and valued not over \$0.50 per dozen, plates over 9 but not over 11 inches in maximum diameter and valued not over \$1 per dozen, and other articles valued not over \$1 per dozen.....	10¢ per doz. pcs. + 25% ad val.	10¢ per doz. pcs. + 50% ad val.

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## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 2. - Ceramic Products

Item	st. f- ix	Articles	Rates of Duty	
			1	2
		Articles chiefly used for preparing, serving, etc. (con.): Of fine-grained earthenware, etc. (con.): Not available in specified sets (con.): Other articles (con.):		
533.35		Cups valued over \$0.50 but not over \$1 per dozen, saucers valued over \$0.30 but not over \$0.55 per dozen, plates not over 9 inches in maximum diameter and valued over \$0.50 but not over \$0.90 per dozen, plates over 9 but not over 11 inches in maximum diameter and valued over \$1 but not over \$1.55 per dozen, and other articles valued over \$1 but not over \$2 per dozen.....	10¢ per doz. pcs. + 40% ad val.	10¢ per doz. pcs. + 50% ad val.
533.37		Cups valued over \$1 per dozen, saucers valued over \$0.55 per dozen, plates not over 9 inches in maximum diameter and valued over \$0.90 per dozen, plates over 9 but not over 11 inches in maximum diameter and valued over \$1.55 per dozen, and other articles valued over \$2 per dozen....	10¢ per doz. pcs. + 22% ad val. 35% ad val.	10¢ per doz. pcs. + 50% ad val. 70% ad val.
533.41		Of bone chinaware.....		
533.51		Of nonbone chinaware or of subporcelain: Hotel or restaurant ware and other ware not household ware.....	10¢ per doz. pcs. + 45% ad val.	10¢ per doz. pcs. + 70% ad val.
533.63		Household ware available in specified sets: In any pattern for which the aggregate value of the articles listed in headnote 2(b) of this subpart is not over \$10.....	10¢ per doz. pcs. + 48% ad val.	10¢ per doz. pcs. + 70% ad val.
533.65		In any pattern for which the aggregate value of the articles listed in headnote 2(b) of this subpart is over \$10 but not over \$24.....	10¢ per doz. pcs. + 55% ad val.	10¢ per doz. pcs. + 70% ad val.
533.67		In any pattern for which the aggregate value of the articles listed in headnote 2(b) of this subpart is over \$24.....	10¢ per doz. pcs. + 36% ad val.	10¢ per doz. pcs. + 70% ad val.
533.69		Not covered by item 533.63, 533.65, or 533.67, and in any pattern for which the aggregate value of the articles listed in headnote 2(c) of this subpart is over \$8.....	10¢ per doz. pcs. + 36% ad val.	10¢ per doz. pcs. + 70% ad val.
533.71		Household ware not covered by items 533.63, 533.65, 533.67, or 533.69: Steins, mugs, candy boxes, decanters, punch bowls, pretzel dishes, tidbit dishes, tiered servers, and bonbon dishes.....	45% ad val.	70% ad val.
533.73		Other articles: Cups valued not over \$1.35 per dozen, saucers valued not over \$0.90 per dozen, plates not over 9 inches in maximum diameter and valued not over \$1.30 per dozen, plates over 9 but not over 11 inches in maximum diameter and valued not over \$2.70 per dozen, and other articles valued not over \$4.50 per dozen.....	10¢ per doz. pcs. + 45% ad val.	10¢ per doz. pcs. + 70% ad val.

# TARIFF SCHEDULES OF THE UNITED STATES

## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 2. - Ceramic Products

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Item	Articles	Rates of Duty	
		1	2
	Articles chiefly used for preparing, serving, etc. (con.): Of nonbone chinaware or of subporcelain (con.): Household ware not covered by items 533.63, etc. (con.): Other articles (con.):		
533.75	Cups valued over \$1.35 but not over \$4 per dozen, saucers valued over \$0.90 but not over \$1.90 per dozen, plates not over 9 inches in maximum diameter and valued over \$1.30 but not over \$3.40 per dozen, plates over 9 but not over 11 inches in maximum diameter and valued over \$2.70 but not over \$6 per dozen, and other articles valued over \$4.50 but not over \$11.50 per dozen.....	10¢ per doz. pcs. + 60% ad val.	10¢ per doz. pcs. + 70% ad val.
533.77	Cups valued over \$4 per dozen, saucers valued over \$1.90 per dozen, plates not over 9 inches in maximum diameter and valued over \$3.40 per dozen, plates over 9 but not over 11 inches in maximum diameter and valued over \$6 per dozen, and other articles valued over \$11.50 per dozen.....	10¢ per doz. pcs. + 35% ad val.	10¢ per doz. pcs. + 70% ad val.
534.11	Statues, statuettes, and hand-made flowers, all the foregoing not specially provided for, of ceramic ware, valued over \$2.50 each and produced by professional sculptors or directly from molds made from original models produced by professional sculptors.....	8% ad val.	20% ad val.
	Smokers' articles, household articles, and art and ornamental articles such as, but not limited to, statues, figurines, flowers, vases, lamp bases, bric-a-brac, and wall plaques, all the foregoing not specially provided for, of ceramic ware:		
534.21	Of ceramic tile.....	12.5% ad val.	50% ad val.
534.31	Of coarse-grained earthenware, or of coarse-grained stoneware.....	5% ad val.	15% ad val.
	Of fine-grained 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:		
534.74	Valued not over \$1.50 per dozen articles.....	12.5% ad val.	25% ad val.
534.76	Valued over \$1.50 per dozen articles.....	6.25% ad val.	25% ad val.
	Of fine-grained earthenware or of fine-grained stoneware (except articles provided for in items 534.74 and 534.76):		
534.81	Valued not over \$3 per dozen articles.....	10¢ per doz. pcs. + 25% ad val.	10¢ per doz. pcs. + 50% ad val.
534.84	Valued over \$3 but not over \$10 per dozen articles.....	10¢ per doz. pcs. + 30% ad val.	10¢ per doz. pcs. + 50% ad val.
534.87	Valued over \$10 per dozen articles.....	4¢ per doz. pcs. + 20% ad val.	10¢ per doz. pcs. + 50% ad val.
534.91	Of bone chinaware.....	25% ad val.	70% ad val.
534.94	Of nonbone chinaware or of subporcelain.....	45% ad val.	70% ad val.
534.97	Other.....	27% ad val.	40% ad val.

# TARIFF SCHEDULES OF THE UNITED STATES

## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 2. - Ceramic Products

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Item	Articles	Rates of Duty	
		1	2
	Subpart D. - Industrial Ceramics		
	<u>Subpart D headnote:</u>		
	1. Nonceramic materials used merely for supporting, joining, or reinforcing purposes in chemical ware provided for in this subpart shall be disregarded in determining the component material of chief value in such articles.		
	<hr/>		
	Ceramic magnets, ceramic electrical insulators whether or not in part of metal, and other ceramic electrical ware, including ferroelectric and piezoelectric ceramic elements:		
535.11	Porcelain insulators, with metal parts cemented thereto and comprising not less than 30 percent of the weight thereof, used in high-voltage, low-frequency electrical systems.....	15% ad val.	35% ad val.
535.12	Ferrites.....	15% ad val.	45% ad val.
535.14	Other.....	30% ad val.	60% ad val.
	Laboratory and industrial chemical ware, of ceramic ware:		
535.21	Of porcelain or of subporcelain.....	60% ad val.	60% ad val.
535.24	Of stoneware.....	40% ad val.	60% ad val.
535.27	Other.....	20% ad val.	45% ad val.
535.31	Sanitary ware, including plumbing fixtures and bathroom accessories, all the foregoing, and parts thereof, of ceramic ware.....	30% ad val.	60% ad val.
535.41	Machinery parts, of porcelain or of subporcelain.....	14% ad val.	40% ad val.
	Subpart E. - Ceramic Articles Not Specially Provided For		
	Ceramic wares, and articles of such wares, not specially provided for:		
536.11	Of porcelain or of subporcelain.....	45% ad val.	60% ad val.
536.15	Other.....	20% ad val.	45% ad val.

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## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 3. - Glass and Glass Products

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Item	Articles	Rates of Duty	
		1	2
	<p><b>PART 3. -GLASS AND GLASS PRODUCTS</b></p> <p><u>Part 3 headnote:</u></p> <p>1. For the purposes of the tariff schedules, fused quartz and fused silica shall be regarded as glass.</p> <hr/> <p>Subpart A. - Glass in the Mass; Glass in Balls, Tubes, Rods, and Certain Other Forms; Foam Glass; Optical Glass; and Glass Fibers and Products Thereof</p> <p><u>Subpart A headnotes:</u></p> <p>1. This subpart does not cover --</p> <ul style="list-style-type: none"> <li>(i) articles (other than globules or balls) described in subpart C of this part;</li> <li>(ii) glass or synthetic optical crystals in any form optically worked (see part 2A of schedule 7);</li> <li>(iii) glass eyes (see parts 2B and 13A of schedule 7);</li> <li>(iv) toy marbles (see part 5E of schedule 7);</li> <li>(v) glass filaments, glass fibers, and articles thereof, specifically included as textiles in the provisions for "man-made fibers", and articles thereof (see headnote 2 of part 1E of schedule 3); or</li> <li>(vi) reinforced or laminated plastics, or articles thereof (see part 12A of schedule 7).</li> </ul> <p>2. For the purposes of the tariff schedules, the term "<u>not optically worked</u>" means that the glass or the synthetic optical crystals have not been subjected to any grinding or polishing incident to surface shaping for producing optical properties.</p> <hr/> <p>Glass, in the mass; glass, crushed, powdered, or flaked (frostings); and waste or scrap glass; all the foregoing except glass provided for in item 540.21 and 540.27:</p> <p>Glass in the mass:</p> <ul style="list-style-type: none"> <li>Containing over 95 percent silica by weight..</li> <li>Other.....</li> <li>Waste or scrap glass.....</li> <li>Other.....</li> </ul> <p>Enamels, colors, glazes, and fluxes, all the foregoing of glass, frit, or calcine:</p> <ul style="list-style-type: none"> <li>Ground or pulverized.....</li> <li>Other.....</li> </ul> <p>Solid glass globules and balls, spherical or approximately spherical in shape, colored or not colored, for whatever use intended:</p> <ul style="list-style-type: none"> <li>Not over 6 millimeters in diameter.....</li> <li>Over 6 millimeters in diameter.....</li> </ul>		
540.11	Containing over 95 percent silica by weight..	15% ad val.	30% ad val.
540.13	Other.....	21% ad val.	50% ad val.
540.14	Waste or scrap glass.....	4% ad val.	10% ad val.
540.15	Other.....	15% ad val.	30% ad val.
540.21	Ground or pulverized.....	12.5% ad val.	30% ad val.
540.27	Other.....	34% ad val.	40% ad val.
540.33	Not over 6 millimeters in diameter.....	35% ad val.	60% ad val.
540.37	Over 6 millimeters in diameter.....	25% ad val.	55% ad val.

# TARIFF SCHEDULES OF THE UNITED STATES

## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 3. - Glass and Glass Products

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Item	Articles	Rates of Duty	
		1	2
540.41	Glass rods, tubes, and tubing, all the foregoing not processed:		
540.43	Containing over 95 percent silica by weight.....	14% ad val.	40% ad val.
	Other.....	32.5% ad val.	65% ad val.
540.47	Bricks, blocks, tiles, slabs, squares, and other articles, all the foregoing, of pressed or molded glass, chiefly used in building.....	24% ad val.	60% ad val.
540.51	Small glass cubes, rectangles, fragments, or chippings, all the foregoing, whether or not attached to a backing, chiefly used for making mosaics and for other decorative purposes.....	17% ad val.	60% ad val.
540.55	Foam glass in any form.....	30% ad val.	60% ad val.
	Optical glass in any form, including blanks for spectacle lenses and for other optical elements; non-optical-glass blanks for corrective spectacle lenses; synthetic optical crystals in the form of ingots, segments of ingots, sheets, or blanks for optical elements; all the foregoing not optically worked; polarizing material, in plates or sheets, not cut to shape or mounted for use as polarizing optical elements:		
540.61	Synthetic optical crystals in the form of ingots..	10.5% ad val.	25% ad val.
	Lens blanks:		
540.63	Spectacle lens blanks.....	20% ad val.	40% ad val.
540.65	Other lens blanks.....	40% ad val.	40% ad val.
540.67	Other optical glass and synthetic optical crystals; polarizing material.....	50% ad val.	50% ad val.
540.71	Glass fibers in bulk; glass fibers in the form of mats, batts, blankets, felts, pads, casings and boards, all the foregoing, of a density not over 25 pounds per cubic foot, whether or not coated, impregnated, or bonded with glue, plastics, or other substances, or lined, backed, or supported with paper, paper-board, fabrics or similar material, or with metal mesh or foil; glass-fiber filters, with or without their frameworks or supports; and articles not specially provided for, of glass fibers.....	22% ad val.	50% ad val.
<b>Subpart B. - Flat Glass and Products Thereof</b>			
<b>Subpart B headnotes:</b>			
1. This subpart covers flat glass and certain articles made therefrom. This subpart does not cover —			
(i) articles described in subpart A or C of this part;			
(ii) glass optically worked (see part 2A of schedule 7);			
(iii) certain painted, colored, or stained glass windows imported for the use of religious institutions (see part 4 of schedule 8).			
2. For the purposes of this subpart —			
(a) the term "cast or rolled glass" refers to glass that, as originally produced, has surfaces one or both of which, by a rolling process, have been made rough, figured, fluted, or ribbed, or have been otherwise impressed;			

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Part 3. - Glass and Glass Products

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Item	Articles	Rates of Duty	
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	<p>(b) the term "<u>ordinary glass</u>" refers to glass other than "colored or special glass", as defined in headnote 2(c), <i>infra</i>;</p> <p>(c) the term "<u>colored or special glass</u>" refers to glass that has a transmittance of normally incident light of less than 66 percent at one or more wave lengths from 400 to 700 millimicrons, inclusive, or a transmittance of less than 80 percent at one or more wave lengths from 525 to 575 millimicrons, inclusive, for glass 1/4 inch in thickness, or of the equivalent transmittances for any other thickness, provided that, in determining such light transmittances, the effect of surface irregularities or configurations, or of other surface treatment (except flashing applied prior to solidification), and the effect of wire netting within the glass, shall be eliminated;</p> <p>(d) the term "<u>united inches</u>" refers to the sum in inches of the length and width of a rectangle of glass; and</p> <p>(e) the term "<u>polished</u>", as used with reference to glass, refers to glass one or both of the surfaces of which have been made smooth and glossy, in whole or in part, by abrasive or chemical means, or by floating the glass over molten metal.</p> <p>3. For the purposes of this subpart, superficial area shall be used in determining the surface area of cast or rolled glass.</p> <p>4. Glass provided for in Items 542.11 through 542.98, imported in any shipment in quantities over 50 square feet of the same size and thickness, shall be denied entry unless —</p> <p>(i) packed in units containing, as nearly as the particular size permits, 50 square feet, or multiples thereof, or</p> <p>(ii) packed in units containing multiples of the number of sheets of the same size and thickness which would be contained in a unit if packed to contain, as nearly as such size permits, 50 or 100 square feet, or</p> <p>(iii) otherwise packed in a manner which conforms to the packing practices of the domestic glass industry as determined and published from time to time by the Secretary of the Treasury.</p>		
541.01	Ribbon glass, or flat glass, in rectangles or otherwise, not ground and not otherwise processed, weighing not over 4 oz. per sq. ft.....	Free	Free
	Glass (whether or not containing wire netting), in rectangles, not ground, not polished and not otherwise processed, weighing over 4 oz. per sq. ft.: Cast or rolled glass:		
541.11	Ordinary glass.....	0.625¢ per lb.	1.5¢ per lb.
541.21	Colored or special glass: Opaque and measuring over 15/64 inch in thickness.....	1.2¢ per lb.	5.5¢ per lb.
541.31	Opaque and measuring not over 15/64 inch in thickness, or not opaque and of any thickness.....	0.625¢ per lb. + 2.5% ad val.	1.5¢ per lb. + 5% ad val.



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	Glass (whether or not containing wire netting), etc. (con.):		
	Other, including blown or drawn glass, but excluding pressed or molded glass:		
	Ordinary glass:		
	Weighing over 4 oz. but not over 12 oz. per sq. ft.:		
542.11	Measuring not over 40 united inches.....	0.7¢ per lb. $\frac{1}{2}$	1.5¢ per lb.
542.13	Measuring over 40 united inches....	0.9¢ per lb. $\frac{1}{2}$	1.9¢ per lb.
	Weighing over 12 oz. but not over 16 oz. per sq. ft.:		
542.21	Measuring not over 40 united inches.....	1.0¢ per lb. $\frac{1}{2}$	2.1¢ per lb.
542.23	Measuring over 40 but not over 60 united inches.....	1.1¢ per lb. $\frac{1}{2}$	2.4¢ per lb.
542.25	Measuring over 60 united inches....	1.2¢ per lb. $\frac{1}{2}$	2.5¢ per lb.
	Weighing over 16 oz. but not over 28 oz. per sq. ft.:		
542.31	Measuring not over 40 united inches.....	0.7¢ per lb. $\frac{1}{2}$	1.5¢ per lb.
542.33	Measuring over 40 but not over 60 united inches.....	0.9¢ per lb. $\frac{1}{2}$	1.9¢ per lb.
542.35	Measuring over 60 but not over 100 united inches.....	1.1¢ per lb. $\frac{1}{2}$	2.4¢ per lb.
542.37	Measuring over 100 united inches...	1.4¢ per lb. $\frac{1}{2}$	2.8¢ per lb.
	Weighing over 28 oz. per sq. ft.:		
542.42	Not over 2-2/3 sq. ft. in area.....	0.7¢ per lb. $\frac{1}{2}$	1.5¢ per lb.
542.44	Over 2-2/3 but not over 7 sq. ft. in area.....	0.9¢ per lb. $\frac{1}{2}$	1.9¢ per lb.
542.46	Over 7 but not over 15 sq. ft. in area.....	1.1¢ per lb. $\frac{1}{2}$	2.4¢ per lb.
542.48	Over 15 sq. ft. in area.....	1.4¢ per lb. $\frac{1}{2}$	2.8¢ per lb. $\frac{1}{2}$
	Colored or special glass:		
	Weighing over 4 oz. but not over 12 oz. per sq. ft.....	1.7¢ per lb. $\frac{1}{2}$	4.0¢ per lb.
542.67	Weighing over 12 oz. but not over 16 oz. per sq. ft.....	6.0¢ per lb. $\frac{1}{2}$	13.0¢ per lb.
	Weighing over 16 oz. but not over 28 oz. per sq. ft.:		
542.71	Measuring not over 40 united inches.....	0.7¢ per lb. $\frac{1}{2}$ 2.5% ad val. $\frac{1}{2}$	1.5¢ per lb. + 5% ad val.
542.73	Measuring over 40 but not over 60 united inches.....	0.9¢ per lb. $\frac{1}{2}$ 2.5% ad val. $\frac{1}{2}$	1.9¢ per lb. + 5% ad val.
542.75	Measuring over 60 but not over 90 united inches.....	1.1¢ per lb. $\frac{1}{2}$ 2.5% ad val. $\frac{1}{2}$	2.4¢ per lb. + 5% ad val.
542.77	Measuring over 90 united inches....	1.4¢ per lb. $\frac{1}{2}$ 2.5% ad val. $\frac{1}{2}$	2.8¢ per lb. + 5% ad val.
	Weighing over 28 oz. per sq. ft.:		
542.92	Not over 2-2/3 sq. ft. in area.....	0.7¢ per lb. $\frac{1}{2}$ 2.5% ad val. $\frac{1}{2}$	1.5¢ per lb. + 5% ad val.
542.94	Over 2-2/3 but not over 7 sq. ft. in area.....	0.9¢ per lb. $\frac{1}{2}$ 2.5% ad val. $\frac{1}{2}$	1.9¢ per lb. + 5% ad val.
542.96	Over 7 but not over 15 sq. ft. in area.....	1.1¢ per lb. $\frac{1}{2}$ 2.5% ad val. $\frac{1}{2}$	2.4¢ per lb. + 5% ad val.
542.98	Over 15 sq. ft. in area.....	1.4¢ per lb. $\frac{1}{2}$ 2.5% ad val. $\frac{1}{2}$	2.8¢ per lb. $\frac{1}{2}$ 5% ad val. $\frac{1}{2}$
<p><math>\frac{1}{2}</math> Rate increased pursuant to escape-clause proclamation. See part 2 of Appendix to Tariff Schedules.</p>			



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Item	Articles	Rates of Duty	
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	Glass (including plate glass and float glass), whether or not containing wire netting, in rectangles, ground or polished on one or both surfaces in whole or in part, but not further processed: Ordinary glass:		
543.11	Containing wire netting.....	6¢ (6.8¢) per sq. ft. *	23¢ per sq. ft.
	Not containing wire netting:		
	Measuring not over 15/32 inch in thickness:		
543.21	Not over 2-2/3 sq. ft. in area.....	3.5¢ per sq. ft.	12.5¢ per sq. ft.
543.23	Over 2-2/3 but not over 7 sq. ft. in area.....	5¢ per sq. ft.	17.25¢ per sq. ft.
543.27	Over 7 sq. ft. in area.....	5.6¢ per sq. ft.	19.75¢ per sq. ft.
543.31	Measuring over 15/32 inch in thickness...	21% ad val.	50% ad val.
	Colored or special glass:		
	Measuring not over 15/32 inch in thickness:		
543.61	Not over 2-2/3 sq. ft. in area.....	3.5¢ per sq. ft. + 2.5% ad val.	12.5¢ per sq. ft. + 5% ad val.
543.63	Over 2-2/3 but not over 7 sq. ft. in area.....	5¢ per sq. ft. + 2.5% ad val.	17.25¢ per sq. ft. + 5% ad val.
543.67	Over 7 sq. ft. in area.....	5.6¢ per sq. ft. + 2.5% ad val.	19.75¢ per sq. ft. + 5% ad val.
543.69	Measuring over 15/32 inch in thickness.....	23.5% ad val.	55% ad val.
	Glass (including cast, rolled, drawn, or blown glass, whether or not containing wire netting or surface ground or polished), cut to other than rectangular shape (except glass provided for in item 541.01), and glass (including cast, rolled, drawn, or blown glass, whether or not containing wire netting or surface ground or polished), whether in rectangles or cut to other than rectangular shape, subjected to bending, curving, beveling, edging, notching, drilling, chipping, sanding, embossing, engraving, etching, coating, staining, enamelling, painting, decorating, or any combination thereof, all the foregoing glass, whether or not such cutting or processing dedicates the glass to a specific use, but not including any article hereinafter described in this subpart or described in subpart A or C of this part:		
544.11	Strips, not over 6 inches in width, weighing over 16 ounces per square foot, and having all longitudinal edges ground or otherwise smoothed or processed.....	22% ad val.	53% ad val.
	Other:		
544.14	Glass measuring over 15/32 inch in thickness..	23.5% ad val.	60% ad val.
544.17	Other.....	15% ad val. 1/	60% ad val.
544.31	Toughened (specially tempered) glass, made of any of the glass described in items 541.11 through 544.17, whether or not shaped or framed or both.....	22% ad val.	50% ad val.
544.41	Laminated glass made of two or more layers of any of the glass described in items 541.11 through 544.31, inclusive, and other material, whether or not shaped or framed or both.....	18% ad val.	60% ad val.
	* See general headnote 3(f)(iii). 1/ Rate increased on certain glass pursuant to escape-clause proclamation. See part 2 of Appendix to Tariff Schedules.		

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**SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS**  
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Item	Articles	Rates of Duty	
		1	2
544.51 544.54	Mirrors, made of any of the glass described in items 541.11 through 544.41, with or without frames or cases (except framed or cased mirrors of precious metal, and mirrors designed for use in instruments): Not over 1 sq. ft. in reflecting area..... Over 1 sq. ft. in reflecting area.....	35% ad val. 20% ad val.	50% ad val. 45% ad val.
544.61	Multiple-glazed units made of any of the glass described in items 541.11 through 544.41, however sealed, containing two or more glass sheets with a vacuum, or air or other gas between them.....	22% ad val.	50% ad val.
544.64	Painted, colored, or stained glass windows, however set, and parts thereof.....	30% ad val.	60% ad val.
	<b>Subpart C. - Glassware and Other Glass Products</b>		
	<u>Subpart C headnotes:</u>		
	1. This subpart does not cover certain articles with a light-reflecting surface provided for in item 790.50 of part 13A of schedule 7.		
	2. The provisions in this subpart for laboratory glassware (items 547.53 and 547.55) include laboratory apparatus or instruments which are essentially glassware whether or not furnished with supports, frames, or mounts of other materials.		
	—		
	Containers (except ampoules) chiefly used for the packing, transporting, or marketing of merchandise, and containers chiefly used for home canning and preserving, all the foregoing, of glass, with or without their closures and whether or not coated with plastics materials:		
	Ordinarily used for perfume or other toilet preparations, or if fitted with or designed for use with ground glass stoppers:		
545.11 545.17	Produced by automatic machine..... Otherwise produced.....	10% ad val. 32% ad val.	25% ad val. 75% ad val.
	Other:		
545.21 545.25 545.27	Holding not over 1/4 pint..... Holding over 1/4 pint but not over 1 pint.... Holding over 1 pint.....	23¢ per gross 3/4¢ per lb. 0.4¢ per lb.	50¢ per gross 1-1/2¢ per lb. 1¢ per lb.
	Glass inners designed for vacuum flasks or for other vacuum vessels:		
545.31 545.34 545.35 545.37	Having a capacity of not over 1 pint..... Having a capacity of over 1 but not over 2 pints... Having a capacity of over 2 but not over 4 pints... Having a capacity of over 4 pints.....	8¢ each + 40% ad val. 15¢ each + 40% ad val. 21¢ each + 40% ad val. 33¢ each + 40% ad val.	15¢ each + 45% ad val. 30¢ each + 45% ad val. 37.5¢ each + 45% ad val. 45¢ each + 45% ad val.
	Illuminating articles for use in the household or elsewhere in connection with artificial illumination (except candle illumination) in such manner as to pass, reflect, refract, disperse, color, or otherwise affect the light for practical or ornamental purposes; articles which reflect or color artificial light directed on them for use as, or in connection with, signs or signals; and parts of any of the foregoing articles; any of the foregoing, of glass, and not optically worked:		
545.53 545.55	Globes and shades..... Lamp bases.....	28% ad val. 24% ad val.	70% ad val. 60% ad val.

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		1	2
545.57	Illuminating articles, etc. (con.): Prisms and other glass articles of a type used in chandeliers and wall brackets, and articles made therefrom.....	24% ad val.	60% ad val.
545.61	Lenses and filters, and parts thereof, for lighting and signal purposes.....	26.5% ad val.	60% ad val.
545.63	Reflecting lenses, buttons, and other reflecting articles, used as, or in connection with, signs or signals.....	24% ad val.	60% ad val.
545.65	Chimneys.....	30% ad val.	60% ad val.
545.67	Other.....	24% ad val.	60% ad val.
545.81	Christmas ornaments of glass: Beads.....	12% ad val.	35% ad val.
545.85	Other: Valued not over \$7.50 per gross.....	40% ad val.	60% ad val.
545.87	Valued over \$7.50 per gross.....	25.5% ad val.	60% ad val.
546.11	Articles chiefly used in the household or elsewhere for preparing, serving, or storing food or beverages, or food or beverage ingredients; smokers' articles, household articles, and art and ornamental articles, all the foregoing not specially provided for: Glassware made of glass containing by weight over 24 percent lead monoxide: Valued not over \$1 each.....	40% ad val.	60% ad val.
546.13	Valued over \$1 but not over \$3 each.....	28% ad val.	60% ad val.
546.17	Valued over \$3 each.....	21% ad val.	60% ad val.
546.21	Glassware, other than the foregoing, decorated with metal flecking, glass pictorial scenes, or glass thread- or ribbon-like effects, any of the foregoing embedded or introduced into the body of the glassware prior to its solidification; millefiori glassware: Valued not over \$1 each: Smokers' articles.....	24% ad val.	60% ad val.
546.23	Other.....	40% ad val.	60% ad val.
546.25	Valued over \$1 each.....	25.5% ad val.	60% ad val.
546.35	Glassware, other than the foregoing, colored prior to solidification, and characterized by random distribution of numerous bubbles, seeds, or stones, throughout the mass of the glass.....	25.5% ad val.	60% ad val.
546.38	Glassware, other than the foregoing, pressed and toughened (specially tempered), chiefly used for preparing, serving, or storing food or beverages, or food or beverage ingredients.....	25% ad val.	50% ad val.
546.41	Other glassware: Valued not over \$1 each: Smokers' articles.....	24% ad val.	60% ad val.
546.45	Perfume bottles fitted with ground glass stoppers.....	32% ad val.	60% ad val.
546.51	Other.....	30% ad val.	60% ad val.
546.53	Valued over \$1 but not over \$3 each.....	35% ad val.	60% ad val.
546.55	Valued over \$3 each: Cut or engraved.....	22.5% ad val.	60% ad val.
546.57	Other.....	30% ad val.	60% ad val.
547.11	Clock and watch glasses and other protective glasses, including glasses for noncorrective spectacles, all the foregoing, with one or both surfaces curved but not optically worked (except blanks for corrective spectacle lenses): Watch glasses: Round.....	15% ad val.	60% ad val.
547.13	Other.....	48% ad val.	60% ad val.
547.15	Other.....	25% ad val.	60% ad val.
547.21	Gauge glasses, whether tubular or nontubular.....	20.5% ad val.	60% ad val.

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## SCHEDULE 5. - NONMETALLIC MINERALS AND PRODUCTS Part 3. - Glass and Glass Products

Item	Articles	Rates of Duty	
		1	2
547.31 547.37	Glass envelopes (including bulbs and tubes), without fittings, designed for electric lamps, vacuum tubes or other electrical devices: Bulbs for incandescent lamps..... Other.....	10% ad val. 25% ad val.	20% ad val. 55% ad val.
547.41 547.43	Glass electric insulators with or without fittings: With metal fittings..... Without metal fittings.....	15% ad val. 20% ad val.	35% ad val. 50% ad val.
547.51	Glass ampoules.....	25¢ per gross	50¢ per gross
547.53 547.55	Pharmaceutical, hygienic, and laboratory glassware, whether or not graduated or calibrated: Containing over 95 percent silica by weight..... Other.....	20% ad val. 42.5% ad val.	50% ad val. 85% ad val.
<b>Subpart D. - Glass Articles Not Specially Provided For</b>			
548.01 548.03 548.05	Articles not specially provided for, of glass: Tubes and tubing with the ends processed: Containing over 95 percent silica by weight.. Other..... Other.....	14% ad val. 32.5% ad val. 25% ad val.	40% ad val. 60% ad val. 55% ad val.