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Census File Number

Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997

INSTRUCTIONS

1. General – The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in item 18B. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies which are not listed, describe and report them in the "Cost of all other materials . . ." line at the end of this section. If you consumed less than \$25,000 of a listed material, include the value with "Cost of all other materials . . ." and use material code 970099 8.

If purchases or transfers do not differ significantly from the amounts actually put into production, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory.

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Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

3. Contract Work – Include as materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in item 10, line e, and should include freight in and out. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. Valuation of Materials Consumed – The value of the materials, etc., consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts and including freight and other direct charges incurred in acquiring the materials.

4. Resales – Cost for products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should be reported in item 10, line b, not in item 17 below. The value of these products shipped by this establishment should be reported in item 18B under Census product code 99989 00 6, "Resales."

Materials received from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).

Line No.	Materials, parts, and supplies (A)		Census material code (B)	Unit of measure for quantities (C)	Consumption of purchased materials and of materials received from other establishments of your company			
					Quantity (D)	Cost, including delivery cost (freight-in) (E)		
						Millions	Thousands	Dollars
1	PLASTICS RESINS (Purchased and consumed)	Polyvinyl acetate	282133 8	Thousand pounds ↑ ↓		\$		
2		All other plastics resins	282106 4					
3	Synthetic rubber		282202 1					
4	Starch and dextrin		204610 0					
5	Industrial organic chemicals, n.e.c., including synthetic organic		286010 4					
6	Industrial inorganic chemicals		281000 0					
7	Refined petroleum products, including mineral oil, naphtha solvents, petrolatum, waxes, etc.		291102 2					
8	Nonmetallic minerals and earths, ground or otherwise treated, used as extenders and fillers (calcium carbonate, talc, silica, kaolin, mica, barite, soapstone, clay, and other clay minerals)		140010 0					
9	CONTAINERS	Plastics, including bottles, jars, tubes, tubs, etc.	308015 7					
10		Metal, including cans, drums, collapsible tubes, etc.	340001 7					
11		Paper and paperboard boxes and fiber cans, tubes, and drums	265020 8					
12	Cost of all other materials and components, parts, containers, and supplies consumed <i>Describe the three principal materials, etc., included in this value.</i>		970099 8					
13	TOTAL Sum of lines 1–12 should equal item 10, line a					\$		

Item 18A – Not applicable to this report

Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997

INSTRUCTIONS

1. General – The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of item 18B. PLEASE DO NOT COMBINE PRODUCT LINES.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

2. Valuation of Products – Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.

If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

3. Contract Work – Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census product code 93000 00 8.

4. Resales – Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under Census product code 99989 00 6, "Resales."

5. Detailed Data Reported Elsewhere – Items denoted by an asterisk (*) require totals for groups of products covered in the more frequent Current Industrial Reports (CIR) Schedules. If you report on these forms, the sum of the detailed products should equal the total reported on this census form.

NOTE: Only totals are requested; do not duplicate detail.

Line No.	Products and services *Item corresponds to products reported on Current Industrial Reports (CIR) Schedules		Census product code	Products shipped and other receipts			
				Quantity (Thousand pounds)	Value, f.o.b. plant (E)		
					584	Thou-	Dollars
(A)	(B)	(D)	Millions	sands			
1	Natural Base Glues and Adhesives (28913) ANIMAL GLUES (Report bone, green, and extracted (dry) forms on line 6) Protein adhesives, including casein, blood, fish, soybean, albumen, etc. – <i>Specify kind</i> VEGETABLE ADHESIVES Other natural base glues and adhesives made from natural gums, shellac, silicates, lacquers, oleoresinous varnishes, etc., except rubber; including bone, green, and extracted (dry) forms, bituminous adhesives, asphaltic, and coal tar	Hide (dry forms)	28913 11 9				
2		Flexible, nonwarp, and liquid glue (not glue stock)	28913 26 7				
3			28913 50 7				
4		Dextrines	28913 51 5				
5		Starches	28913 55 6				
6			28913 80 4				
7	Synthetic Resin and Rubber Adhesives, Including All Types of Bonding and Laminating Adhesives (28914)	Epoxy adhesives	28914 11 7				
8		Phenolics and derivatives adhesives, including resorcinol	28914 24 0				
9		Urea and modified urea	28914 33 1				
10		VINYL TYPE ADHESIVES	Polyvinyl acetate	28914 37 2			
11			Polyvinyl chloride and copolymers	28914 45 5			
12			Other vinyl polymer type adhesives	28914 47 1			
13		Acrylic adhesives	28914 53 9				
14		Cyanoacrylate adhesives	28914 54 7				
15		Polyester adhesives	28914 55 4				
16		Urethane adhesives	28914 57 0				
17		Styrenic adhesives	28914 61 2				
18		Hot melt adhesives, including polyamide, polyolefin, and other hot melts	28914 65 3				
19		Adhesive films, all types, including pressure-sensitive structural and nonstructural adhesive films	28914 71 1				
20	(Continued on next page)	Rubber and synthetic resin combinations (Report rubber cement on lines 21 and 22)	28914 48 9				

CONTINUE WITH ITEM 18B ON PAGE 7

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued

Line No.	Products and services *Item corresponds to products reported on Current Industrial Reports (CIR) Schedules		Census product code 581	Products shipped and other receipts			
				Quantity (Thousand pounds) 583	Value, f.o.b. plant (E)		
					584	Thou-	Dollars
(A)	(B)	(D)	Millions	sands			
21	RUBBER CEMENT, FOR SALE AS SUCH	Latex type	28914 81 0	\$			
22		Solvent type	28914 83 6				
23		Other synthetic resin and rubber adhesives, including cellulose, nitrocellulose, polyamide, anaerobic, etc. – <i>Specify kind</i>	28914 99 2				
24	SYNTHETIC BASE	General performance sealants (PVAC, butyl, vinyl, acrylic, neoprene, etc.)	28916 10 4				
25		Special performance sealants, including polysulfide, silicone, epoxy, urethane, etc.	28916 25 2				
26		Preformed tapes (butyl, polybutene, polyisobutylene, etc.)	28916 50 0				
27	NATURAL BASE	Caulks, modified and unmodified oil base	28917 11 0				
28		Bituminous base (coal tar or asphalt)	28917 21 9				
29	SYNTHETIC BASE	General performance sealants (PVAC, butyl, vinyl, acrylic, neoprene, etc.)	28917 31 8				
30		Special performance sealants, including polysulfide, silicone, epoxy, urethane, etc.	28917 46 6				
31		Preformed tapes (butyl, polybutene, polyisobutylene, etc.)	28917 71 4				
32	Architectural coatings, including architectural lacquers (28511) (corresponds to value of item codes 5112–5193 on Census Form MA28F, Paints and Allied Products, for 1997)*		28511 00 4				
33	Product finishes for original equipment manufacturers (OEM), excluding marine coatings (28512) (corresponds to value of item codes 5221–5267 on Census Form MA28F, Paints and Allied Products, for 1997)*		28512 00 2				
34	Special-purpose coatings, including all marine coatings (e.g., industrial construction and maintenance, traffic marking, transportation after market, marine and aerosol paints) (28513) (corresponds to value of item codes 5301–5331 on Census Form MA28F, Paints and Allied Products, for 1997)*		28513 00 0				
35	Miscellaneous allied paint products, including paint and varnish removers, thinners, pigment dispersions, glazing compounds, etc. (28515) (corresponds to value of item codes 5523–5598 on Census Form MA28F, Paints and Allied Products, for 1997)*		28515 00 5				
36	RESINS AND PLASTICS MATERIALS	Thermoplastics resins and plastics materials, including resins for protective coatings (28213)	28213 00 7				
37		Thermosetting resins and plastics materials, including resins for protective coatings (28214)	28214 00 5				
38	Synthetic rubber (vulcanizable elastomers), including SBR, butyl, polychloroprene, stereo polyisoprene, stereo polybutadiene, and thermoplastic elastomers, excluding polyurethane elastomers – <i>Specify kind</i>		28220 00 2				
39	Miscellaneous end-use chemicals and chemical products, excluding urea		28696 00 3				
40	MISCELLANEOUS CYCLIC AND ACYCLIC CHEMICALS AND CHEMICAL PRODUCTS (28697)	Fluorocarbon gases	28697 11 8				
41		Carbon bisulfide (disulfide)	28697 13 4				
42		Fatty acid esters	28697 15 9				
43		Other	28697 19 1				

CONTINUE WITH ITEM 18B ON PAGE 8

Item 18B - PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 - Continued							
Line No.	Products and services (A)		Census product code 581 (B)	Products shipped and other receipts			
				Quantity 583 (D)	Value, f.o.b. plant (E)		
					584 Millions	Thou- sands	Dollars
44	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT	<i>Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. Specify unit of measure for quantity. For all remaining products, write "Other" and report a single value.</i>					
			18		\$		
45			26				
46			34				
47			42				
48			59				
49	CONTRACT WORK	Receipts for work done for others on their own materials <i>Describe below products worked on and kind of work.</i>	93000 00 8				
50	MISCELLANEOUS RECEIPTS	Sales of scrap, refuse, electricity and other miscellaneous receipts (including receipts for repair work, etc.)	99980 00 5				
51	RESALES	Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such items should be reported in item 10, line b.	99989 00 6				
52	TOTAL value of shipments and other receipts Sum of lines 1-51, column (E)		77000 00 8		\$		

Items 19-21 - Not applicable to this report

REMARKS - Please use this space for any explanations that may be essential in understanding your reported data.

Item 22. CERTIFICATION - This report is substantially accurate and has been prepared in accordance with instructions.

Name of person to contact regarding this report (<i>Print or type</i>)		Telephone	Area code	Number	Extension	
667	1	2				
Name of company			Address (<i>Number and street, city, State, ZIP Code</i>)			
Period covered	FROM: Month	Day	Year	TO: Month	Day	Year
	666	1		2		
Signature of authorized person			Title		Date	