## 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 . . .," Census material code 9700998.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

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.

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).

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.
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.
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 9998900 6, "Resales."

|  | Materials, parts, and supplies(A) | Census material code | Unit of measure for quantities <br> (C) | Consumption of purchased materials and of materials received from other establishments of your company |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Quantity <br> (D) | Cost, including delivery cost (freight-in) <br> (E) |  |  |
|  |  |  |  |  | $\begin{array}{\|r\|r\|} \hline 574 & \\ \hline & \text { Millions } \\ \hline \end{array}$ | Thousands | Dollars |
| 1 | Logs and bolts | 2411130 | Thousand board feet (international 1/4 inch scale) |  | \$ | ! |  |
| 2 | Pulpwood | 2411312 | Std cords (128 cu ft) |  |  |  |  |
| 3 | Chips, slabs, edgings, sawdust, and other wood waste, except planer shavings | 2420164 | Short tons |  |  | ! |  |
| 4 | Planer shavings | 2420172 | $\downarrow$ |  |  | , |  |
| 5 | Hardboard | 2493401 |  |  |  |  |  |
| 6 | Medium density fiberboard (MDF) | 2493302 | Thousand |  |  |  |  |
| 7 | Particleboard | 2493104 | b basis) |  |  | ! |  |
| 8 | Paints, varnishes, lacquers, shellacs, japans, enamels, and allied products | 2851012 | Gallons |  |  | ! |  |
| 9 | Urethane adhesives | 2891109 |  |  |  |  |  |
| 10 | Urea and melamine resins | 2821411 | Thousand |  |  | ! |  |
| 11 | Phenolic and other tar acid resins | 2821429 | (dry basis) |  |  | ! |  |
| 12 | Petroleum wax | 2911063 | $\downarrow$ |  |  | \| |  |
| 13 | Vinyl and paper overlays | 1900547 | Thousand sq ft (surface measure) |  |  | ! |  |
| 14 | All other plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and shapes | 2821080 |  |  |  | ! |  |

Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 - Continued

|  | Materials, parts, and supplies(A) | Census <br> material <br> code  <br> 571  <br>  (B) | Unit of measure for quantities <br> (C) | Consumption of purchased materials and of materials received from other establishments of your company |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Quantity | Cost, including delivery cost (freight-in) <br> (E) |  |  |
|  |  |  |  |  | $574$ <br> Millions | Thousands |  |
| 15 | Cost of all other materials and components, parts, containers, and supplies consumed. | 9700998 |  |  | \$ | I |  |
|  | Describe the principal materials, etc., included in this value. |  |  |  |  | $\qquad$ |  |
| 16 | TOTAL <br> Sum of lines $1-15$ should equal item 10 , line a |  |  |  | \$ | I |  |

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 93000008.
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 9998900 6, "Resales."
5. Definitions
a. Particleboard - A panel manufactured from lignocellulosic materials, primarily in the form of discrete pieces or particles, as distinguised from fibers, combined with a synthetic resin or other suitable binder and bonded together under heat and pressure in a hot press by a process in which the entire interparticle bond is created by the added binder. Other materials may have been added prior to pressing to obtain or enhance certain properties.
b. Waferboard and oriented strand board - A panel made of compressed wafer-like wood flakes, particles, or strands bonded with exterior type adhesives. The flakes or strands may range in size and thickness and may be either randomly or directionally oriented. In most cases the wafers or strands are arranged in perpendicular layers (usually 3 or 5 ) to provide strength in both panel directions. (Panels are suitable for structural applications where limited exposure to the weather may be expected.)
c. Medium density fiberboard - A panel product manufactured from lignocellulosic fibers combined with a synthetic resin or other suitable binder. The panels are manufactured to a density of 31 pounds per cubic foot ( 0.50 grams per cubic centimeter) to 55 pounds per cubic foot ( 0.88 grams per cubic centimeter) by the application of heat and pressure by a process in which the interfiber bond is substantially created by the added binder.
d. Cellulosic fiberboard - A panel made from lignocellulosic fibers (either wood or cane) and felted into a panel of density less than 31 pounds per cubic foot characterized by an integral bond produced by interfelting of the fibers but which has not been consolidated under heat and pressure.
e. Hardboard - A panel made from lignocellulosic fibers and felted into a panel of density of 31 pounds or more per cubic foot under controlled combinations of consolidating pressure, heat, and moisture so that the board produced has a characteristic ligneous bond.
(1) Machined/cut - Panels or boards that have been molded, cut to size, perforated, or further machined to add groves and rabbets.
(2) Coated/laminated finish - Panels or boards that are face finished on one or both surfaces by printing or by the addition of fillers, sealers, waxes, oils, stains, varnishes, paints, enamels, and/or similar materials or have been overlaid or laminated with nonwood materials including vinyl.

## If not shown, please enter your 11-digit Census File Number

 from the address label on page 1Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 - Continued



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.


