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THE ADHESIVES INDUSTRY 1958

Pubiashal ing Axthurity of
The Honourable Gordon Churchill, Minister of Trade and Commerce

DOMINION BUREAU OF STATISTICS
I,
Industry and Merchandising Division

## PUBLICATIONS

The results of the annual Census of Industry are publishac mem Dominion Bureay of gat:stics in a series of industry reports which are released each year as the compilations are completed. Reports for industries classified to the Chemicals and Allied Products Major Group are listed below, along with current and annual publications of related interest. Similar reports are issued for other industries. A complete catalogue of publications of the Bureau is available on request from the Information Services Division, Dominion Bureau of Statistics, Ottawa, or from the Queen's
$B$ - Biennial $\quad$ M - Monthly S.C. - Special Compilation Annual
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This report is one in a series of about 130 publications which present the results of the 1958 Census of Manufactures. Most reports in this series refer to specific industries, but there are summary reports for Canada and the provinces and for major industry groups. An annual Census of Manufactures has been carrled out by the Dominion Bureau of Statistlcs since 1916.

Industry statistics given in these reports refer to number of establishments, employees, salaries and wages, cost of materials, supplies, fuel and electricity, gross value of shipments, inventories and value added by manufacturing. Detalls of materials used and products shipped are also given. Descriptions of the principal industry statistics, with special reference to 1958 , are as follows:

## Period Covered

Firms are asked to submit figures for the calendar year, if at all possible, and most reports are on this basis. Financial year reports for periods differing from the calendar year are accepted in instances where the firms find it impossible to supply calendar year data from accounting records. However the data on employees, salaries and wages are requested on a calendar year basis in all cases.

## Establishment

Data for the annual census is collected on an establishment basis. A firm with more than one plant is required to file a report for each plant. In most cases an establishment is a complete factory. Sometimes, however, a plant is divided into two or more establishments when it carrles out operatlons classlifable to different industries and when sepatate accounting records are available. Usually the statistics for an establishment relate only to the manufacturing activities. Other activities such as construction at the plant by its own employees, wholesale or retall activities carried on at the plant location, etc. are not Included. Plants engaged solely in repair work (except in the case of furniture, shipbullding, boat building, aircraft and rallway rolling stock industrles) are not included but plants occupied in assembling parts into complete units are included.

## Employees

Administrative and office employees include all executives and supervisory officials such as presidents, vice-presidents, sectetaries, treasurers, etc., together mith managers, professional and technical employees, superintendents and factory supervisors above the working foremen level and clerical employees. Working owners and partners are also included in this category.

Production ant related workers inclurde all other factory workmen whether paid on a monthly, weekly, hourly or piece-work basis. Working foremen doing work similar to that of the employees they supervise are included, as are maintenance, warehousing and delivery staffs. Employees on new construction work, in retail or wholesale operations. on outside piece work etc., are not included.

Production workers are reported by months, an average for the year being obtained by summing the monthly figures and dividing by twelve. This procedure is followed even though the plant did not operate in all months. Figures on employment refer to calendar years whether or not some establishments reported other data on a financial year basis

## Salaries and Wages

Salarles and wages refer to gross earnings of the employees described above, including salaries, wages, commissions, bonuses, the value of room and board where provided, deductions for income tax and social services such as sickness and unemployment insurance, pensions, etc., as well as any other allowances forming part of the employees' wages. Payments for overtime are included.

Salaries refer to amounts paid to administrative and office employees. Withdrawals by working owners or partners for normal living expenses for self and family are included but not their withdrawals for income tax. Wages refer to the amounts paid to production and related wotkers as defined above. Data on earnings refer to the calendar year whether of not some establishments reported other data on a financlal year basis.

## Cost of Fuel and Electricity

Figures for fuel refer to amounts actually used, (including fuel used in cars and trucks), not to purchases unless the quantities are the same. Values refef to the ladd down cost at the works. including frelght, duty, etc.

## Materials and Supplies Used

Figures represent quantities and laid-down cost values, at the works, of materials and supplies actually used during the year whether putchased from others or received as transfers from other plants of the reporting company. Amounts paid to other manufacturers for work done on materials owned by the reporting company are included. Returnable containers or any other items charged to capital account are not included. Fuels are not included. Goods bought from others or received as transfers from other plants of reporting companies
for resale without further processing are not included. Maintenance and repair supplies not chargeable to capital account are included.

## Factory Shipments

Factory shipments refer to shipments of goods made from own materials elther in the reporting plant or by other manufacturers on the basis of a charge to the reporting plant for work done. All products and by-products shipped from the establishment are included whether for domestic use, export, of for government departments. Transfer shipments to sales outlets, distributing warehouses or to other manufacturing units of the reporting firm are included. Goods bought or recelved as transfers and resold without further processing are not included. Values are computed on f.o.b. plant of plant warehouse basis, and do not include sales tax or excise duties. Values of containers not returnable are included. Amounts received in payment for work done on materials owned by others are included.

In a few industries such as shipbuilding, aircraft, etc., where work on principal products extend over a relatively long period, the value of production is recorded rather than the value of shipments. For those industries production is computed from the value of deliveries of complete units during the year plus the value of work done during the year on unfinished units less the value of work done in previous years on finished units delivered in the year under review.

## Inventories

Values represent the book values of manufacturing inventories owned and held at the reporting plant. Figures include inventories held in warehouses of selling outlets which have been included with plant operations for purposes of reporting shipments.

## Value Added by Manufacturing

Figures are computed from value of shipments plus or minus changes in inventories of finished
goods and goods in process less cost of materials fuel and electricity. This figure is sometimes referred to as net production. ${ }^{1}$

## Standard Industrial Classification

The Standard Industrial Classification Manual, prepared by the Dominion Bureau of Statistics, provides for 135 three-digit industrles in the manufacturing sector, arranged in 17 major groups. Reporting establishments are classified or allotted to specific industries on the basis of the value of principal products made or shipped.

## Short Forms

Prior to 1949 all manufacturing firms, regardless of size, were required to complete a standard form annually covering all census details, but for later years an effort was made to ease the reporting burden for smaller firms which usually do not maIntain regular records in the required detail. A modified or short form was introduced in 1949 asking for the total value of shipments only, of in industries with a large number of small firms, for total value of shipments and quantities and values of a few principal products. Using the ratio of value of shipments in the current year to value of shipments in the base year, 1948, estimates of other census data were made for each plant for inclusion in the regular complations. In general, the cut-off point for short forms was set at $\$ 50,000$ gross value of shipments annually, but there were lower cut-offs for a number of Industrles in which the small firms accounted for a larger share of total shipments. About 40 per cent of the total number of establishments reported on the modified or short form. They accounted for less than 3 per cent of the total value. In 1958, to establish a new base year, the small firms were again asked to report data on employees, salaries and wages, and other principal statistics together with some detail on material and products.

[^0]
## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:
.. figures not available.
... figures not appropriate or not applicablo.

- nil or zero.
p preliminary figures.
r revised figures.


## THE ADHESIVES INDUSTRY

## 1958

This report on the Adhesives Industry in Canada covers the operations of all factories which made glue, mucilage, paste or special adhesives cements as their chief products. In 1958 there were 28 establishments in this group, 14 being located in Ontario; 10 in Quebec; 3 in British Columbia and 1 in Manitoba.

Factory shipments by firms in the Adhesives Industry were valued at $\$ 14,380,563$ in 1958 , an increase of 4.9 per cent over the $\$ 13,707,648$ reported in 1957. The number of employees increased from 627 to 642 , with a corresponding increase in salaries and wages from $\$ 2,321,588$ in 1957 to $\$ 2,556,561$ in 1958 . The cost of fuel and electricity at $\$ 439,027$ showed a decrease from the $\$ 456,150$ reported in 1957 and the value of materials used directly in manufacturing processes was 10 per cent higher at $\$ 7,120,720$.

Output of adhesives during 1958, including small amounts from other industries, was as follows: linoleum cement. $15,323,000$ pounds at $\$ 818,000$; ruhber cement, $1,105.000$ gallons at $\$ 2,888,000$; bone and hide glue, $10,192,000$ pounds at $\$ 2,437,000$;
casein glue, 891,000 pounds at $\$ 240,000$; flexible glue, $2,715,000$ pounds at $\$ 638,000$; synthetic resin glue, $37,666,000$ pounds at $\$ 5,641,000$; vegetable glues, $22,692,000$ pounds at $\$ 2,744,000$; mucilage and paste valued at $\$ 652,000$; fish glue valued at $\$ 326,000$ and miscellaneous adhesives at $\$ 2,519,000$. The total value of all adhesives, including mucilage and paste was $\$ 18,903,000$ in 1958 compared with $\$ 19,463,000$ in 1957 and $\$ 17,392,000$ in 1956.

Note: Due to lack of inventory data, figures for value added by manufacture prior to 1954 were obtained by subtracting the cost of materials used, including fuel and electricity, from the total value of factory shipments. In 1954 and 1955 the "Value added" adjustment incorporated the increase or decrease to shipments values resulting from changes in the value of inventories over the period. For these two years, the adjustments that were made used only the change in finished product inventory owned by manufacturers. Beginning with 1956 the calculation of the "Value added" figure was further adjusted to take into account the "Goods in process" as well as the finished goods held at plant or plant warehouse.
1.ABE 1. Principal Statistics of the Adhesives Industry, Significant Vears 1929-58 and by Provinces, 1957 and 1958

| Year and province | Estab-lishments | Employees | $\begin{gathered} \text { Salaries } \\ \text { and } \\ \text { wages } \end{gathered}$ | Cost of fuel and electricity at plant | Cost of materials at plant | Value added by manufacture ${ }^{1}$ | Gross selling value of products ${ }^{1}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | number |  | dollars |  |  |  |  |
| 1929 | 13141819222225282929 | $\begin{aligned} & 267 \\ & 229 \\ & 416 \\ & 427 \\ & 651 \\ & 674 \\ & 749 \\ & 621 \\ & 576 \\ & 811 \end{aligned}$ | 321,296263,142483,819520,662$1,091,721$$1,223,032$$1,727,848$$1,987,142$$1,934,597$$2,152,918$ | $\begin{array}{r} 68,157 \\ 53,300 \\ 116,842 \\ 89,573 \\ 211,889 \\ 222,384 \\ 339,839 \\ 367,922 \\ 369,578 \\ 412,238 \end{array}$ | 962,940457,146901,194905,411$3,037,649$$3,749,579$$4,218,359$$6,213,522$$5,030,858$$5,423,688$ | 799,547576,769886,101$1,115,822$$2.486,613$$2,812,350$$3,266,366$$5,946,176$$5,368,263$$6,456,530$ | $\begin{array}{r} 1,830,644 \\ 1,087,215 \\ 1,904,137 \\ 2,110,806 \\ 5,736,151 \\ 6,784,313 \\ 7,824,564 \\ 12,772,801 \\ 10,908,938 \\ 12,329,512 \end{array}$ |
| 1932 |  |  |  |  |  |  |  |
| 1937 |  |  |  |  |  |  |  |
| 1939 |  |  |  |  |  |  |  |
| 1943 |  |  |  |  |  |  |  |
| 1946 |  |  |  |  |  |  |  |
| 1949 |  |  |  |  |  |  |  |
| 1954 |  |  |  |  |  |  |  |
| 1955 |  |  |  |  |  |  |  |
| 1956 |  |  |  |  |  |  |  |
| 1957 |  |  |  |  |  |  |  |
| Quebec .................................... | 10 | 133478 | $\begin{array}{r} 477,883 \\ 1,794,008 \end{array}$ | $\begin{array}{r} 47,527 \\ 405,439 \end{array}$ | 1,623,128 | 1.458, 489 | $\begin{array}{r} 3,137,698 \\ 10,051,918 \end{array}$ |
| Ontario .................................... |  |  |  |  | 4,637,970 | 4,956, 575 |  |
| British Columbia $\qquad$ |  | 16 | 49,697 | 3, 184 | 214,246 | 305, 297 | 518,032 |
| Canada | 29 | 627 | 2,321,588 | 456, 150 | 6, 475,344 | 6, 720,361 | 13.707, 648 |
| 1958 |  |  |  |  |  |  |  |
| Quebec .................................... | 10 | $\begin{aligned} & 140 \\ & 485 \end{aligned}$ | $\begin{array}{r} 585,299 \\ 1,913,368 \end{array}$ | $\begin{array}{r} 52,763 \\ 382,770 \end{array}$ | $\begin{aligned} & 1,883,061 \\ & 4,9984,929 \end{aligned}$ | $\begin{aligned} & 1,610,921 \\ & 4,862,758 \end{aligned}$ | $\begin{array}{r} 3,504,397 \\ 10,235,749 \end{array}$ |
| Ontario ................................... |  |  |  |  |  |  |  |
| British Columbia | 3 | 17 | 57,894 | 3,494 | 252,730 | 398,945 | 640,417 |
| Canada | 28 | 642 | 2, 556, 561 | 439, 027 | 7, 120,720 | 6,872,624 | 14, 380, 563 |

${ }^{1}$ See note to text.
Note: Profits of losses cannot be calculated from the above figures as data are not avallable for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

TABLE 2. Inventories. ${ }^{1} 1958$

|  | $\begin{gathered} \text { Raw } \\ \text { materials } \\ \text { and supplies } \end{gathered}$ | Goods in process | Finished goods of own manufacture | Total |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| Opening: |  |  |  |  |
| Quebec | 262,333 | 2,588 | 150, 019 | 414,940 |
| Ontario | 726, 327 | 60,894 | 870,809 | 1,658,030 |
| Other provinces | 48,514 | - | 28,165 | 76,679 |
| Canada | 1,037, 174 | 63,482 | 1,048,993 | 2,149,649 |
| Closing: |  |  |  |  |
| Quebec ................................................................... | 277,972 | 15,874 | 179,081 | 472,927 |
| Ontario | 744,161 | 49,312 | 877, 099 | 1,670,572 |
| Other provinces | 48,666 | - | 42,917 | 91,583 |
| Cansda .............................................................. | 1, 070,799 | 65,186 | 1,099,097 | 2, 235, 082 |

${ }^{1}$ (a) Book value of all manufacturing inventories owned and held at plant and plant warehouses.
(b) Beginning with 1954, information on the value of year-end inventory holdings at plant and plant warehouses is being collected as part of the annual Census of Industry. These data were formerly collected by a separate survey. The summarized results for the Adhesives Industry for the year under review are shown in the above table.
(c) The opening inventory for 1958 does not necessarily agree with the closing inventory for 1957, because of the addition of new plants, the transfer of plants to other industries and plants going out of business, etc. However, the value added figures for the previous year have not been recalculated to allow for the changes mentioned above.

TABLE 3. Products Made in the Adhesives Industry, 1957 and 1958

| Product | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value of factory shipments | Quantity | Value of factory shipments |
|  |  | \$ |  | \$ |
| Cement: |  |  |  |  |
| Linoleum ...................................................... lb . | 8,875,850 | 409,831 | 8,902,975 | 418,230 |
| Other (rubber, etc.) ........................................ " | ... | 1,198, 211 | ... | 1,281,054 |
| Glue: |  |  |  |  |
| Bone and hide ${ }^{1}$............................................... lb b. | 11,311,955 | 2,649,121 | 10,191, 811 | 2, 436, 807 |
| Casein ........................................................ " | 533,356 | 148,916 | 561,019 | 140, 266 |
| Flexible ....................................................... " | 2,668,561 | 624,473 | 2,715,410 | 638, 122 |
| Synthetic resin ............................................. ${ }^{\text {. }}$ | 10,240,538 | 2,614,898 | 8,845,889 | 2, 603,333 |
| Vegetable: |  |  |  |  |
| Dry ........................................................... " | 2, 863, 603 | 375, 174 | 2, 351,994 | 300, 303 |
| Liquid ........................................................ ${ }^{\text {. }}$ | 20,373, 670 | 2, 489,749 | 20,340, 326 | 2, 443,841 |
| Other ............................................................ | ... | 521, 568 | ... | 278, 088 |
| Mucilage and paste ............................................ lb. | 3,759, 849 | 337, 083 | 4,473,384 | 547,077 |
| All other products ${ }^{2}$............................................ | -.. | 2, 338,624 | ... | 3,293,442 |
| Totals | - . | 13, 707, 848 | ... | 14, 380, 563 |

[^1]TABLE 4. Materials Used in the Adhesives Industry, 1957 and 1958


[^2]TABLE 5. Factory Shipments of Adhesives, from All Industries, 1957 and 1958

| Item | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Value of factory shipments | Quantity | Value of factory shipments |
|  |  | \$ |  | \$ |
| Cement: |  |  |  |  |
| Linoleum ...................................................................... | 15,959,000 | 861, $000^{2}$ | 15,323,000 | 818,000 |
| Rubber .............................................................. gal. | 1.405.000 | 3,060,000 | 1,105,000 | 2,888,000 |
| Other |  | 627,000 |  | 837,000 |
| Glue: |  |  |  |  |
| Bone and hide ${ }^{1}$............................................. 1 l . | 11,312,000 | 2,649,000 | 10,192,000 | 2,437,000 |
| Casein ............................................................ ${ }^{\text {. }}$ | 839,000 | 237,000 | 891,000 | 240,000 |
| Flexible ......................................................... ${ }^{\text {a }}$ | 2,669,000 | 624,000 | 2,715,000 | 638,000 |
| Fish ............................................................... | 2, 410,000 | 761,000 | 1,185,000 | 326,000 |
| Synthetic resin ............................................... lb. | 37,930,000 | 5,579,000 | 37,666, 000 | 5,641,000 |
| Vegetable: |  |  |  |  |
| Dry | 2,864,000 | 375,000 | 2,352,000 | 300,000 |
| Liquid ........................................................ " | 20,374, 000 | 2,490,000 | 20,340, 000 | $2,444,000$ |
| Other | - . ${ }^{\text {a }}$ | 522,000 | $\cdots$ | 278,000 |
| Mucilage and paste ............................................ | . . | 435,000 | $\cdots$ | 652,000 |
| Adhesives, other | $\cdots$ | 1.243,000 | - . | 1,404.000 |
| Totals .......................................................... | $\cdots$ | 19,463, 000 | * $\cdot$ | 18,903, 000 |

${ }^{2}$ See footnote to table 11.

TABLE 6. Principal Statistics of the Adhesives Industry, classified according to Type of Ownership 1957 and 1958

| Type | Estab-lishments | Employees | Salaries and wages | Cost at plant of materials used | Selling value of factory shipments |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | number |  | dollars |  |  |
| Individual ownership | 4 |  |  |  |  |
| Partnership | 1 | 14 | 33.475 | 64,041 | 157,866 |
| Incorporated companies | 24 | 613 | 2,288,113 | 6,411,303 | 13,549,782 |
| Totals | 29 | 627 | 2, 321,588 | 6,475,344 | 13, 707,648 |
| Individusl ownership | 3 |  |  |  |  |
| Partnerships | 1 | 12 | 33,060 | 58,732 | 133,960 |
| Incorporated companies | 24 | 630 | 2,523,501 | 7.061.988 | 14,246,603 |
| Totals | 28 | 642 | 2,556, 561 | 7, 120,720 | 14,380, 563.3 |

TABLE \%. Principal Statistics of the Adhesives Industry in Canada, grouped according to Size of Establishment, 1957 and 1958


TABLE: 8. Capital and Repair Expenditures in the Adhesives Industry, 1953-58

| Year | Total capital and repair expenditures | Year | Total capital and repair expenditures |
| :---: | :---: | :---: | :---: |
|  | \$'000 |  | \$'000 |
| 1953 | 578 | 1956. | 872 |
| 1954 | 598 | 1957. | 1,010 |
| 1955 ................................................................ | 445 | 1958P ....................................................... | 595 |

TABLE 8. Employees and their Earnings in the Adhesives Industry, 1957 and 1958

| Province | Employees |  |  |  |  | Earnings |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Supervisory and office |  | Production workers |  | Total | Supervisory and office | Production workers | Total |
|  | Male | Female | Male | Female |  |  |  |  |
|  | number |  |  |  |  | dollars |  |  |
| 1957 |  |  |  |  |  |  |  |  |
| Quebec | 36 | 33 | 63 | 1 | 133 |  | 231.480 | 477, 883 |
| Ontario ................................... | 91 | 56 | 308 | 23 | 478 | 636,200 | 1.157.808 | 1,794, 008 |
| Manitoba and British Columbla.... | 5 | 3 | 8 |  | 16 | 24, 108 | 1.25.589 | - 49,697 |
| Canada .................................... | 132 | 92 | 379 | 24 | 627 | 906, 711 | 1,414,877 | 2,321,588 |
| 1958 |  |  |  |  |  |  |  |  |
| Quebec $\qquad$ <br> Sutario | 40 104 | 31 58 | 67 300 | 23 | 140 485 | 323,918 802,859 | 261,381 1 | 585,299 $1.913,368$ |
| Manitoba and British Columbla.... | 109 | 58 4 | 300 8 | 23 | 485 17 | 802,859 28,619 | $\begin{array}{r} 1,110,509 \\ 29,275 \end{array}$ | $\begin{array}{r} 1,913,368 \\ 57,894 \end{array}$ |
| Canada ...................................... | 149 | 93 | 375 | 25 | 642 | 1,155,396 | 1,401,165 | 2,556,561 |

TABLE 10. Production Workers in the Adhesives Industry, by Months, 1957 and 1958


TABLE 11. Imports of Adhesives, 1957 and 1958

| Item | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | pounds | \$ | pounds | \$ |
| Glue: |  |  |  |  |
| Anima ${ }^{1}$ | 4,126,209 | 707,837 | 7.181,373 | 1,147, 011 |
| Synthetic resin | 2. 460,582 | 776,522 | 2,836,508 | 886, 310 |
| Vegetable | 22,869 | 3,133 | -. | ... |
| Other | 180,701 | 59,713 | 104, 099 | 36,753 |
| Mucilage and adhesive paste | 352, 755 | 90, 130 | 393,250 | 92,400 |
| Rubber cement | . . | 932, 067 | - | 838,475 |

[^3]TABLE 12. Fuel and Electricity Used in the Adhesives Industry, 1957 and 1958

| Kind | 1957 |  | 1958 |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Quantity | Cost at works | Quantity | Cost at works |
|  |  | \$ |  | \$ |
| Bituminous coal: <br> (a) From Canadian mines $\qquad$ <br> (b) Imported $\qquad$ | $\begin{array}{r} 5,905 \\ 21,254 \end{array}$ | $\begin{array}{r} 66,258 \\ 231,019 \end{array}$ | 25,605 | 271.813 |
| Coke ......................................................... ${ }^{\text {. }}$ | 46 | 1,012 | 6 | 111 |
| Gasoline (including gasoline used in cars and trucks) $\qquad$ Imp, gal. | 91.721 | 34,456 | 96.148 | 35.515 |
| Fuel oil .................................................... ${ }^{\text {o. }}$, | 442,060 | 55,519 | 517.174 | 60, 079 |
| Wood ......................................................... cord | 8 | 176 | 10 | 200 |
| Liquefied petroleum gas ........................... Imp. gal. | - | - | 870 | 329 |
| Natural gas .............................................. M cu. ft. | 1. 753 | 1. 905 | 3,962 | 4.212 |
| Other fuel .................................................... | . | 8,331 | .. | 381 |
| Electricity ................................................. kwh. | 5,203,080 | 57. 474 | 4,813,960 | 57,39? |
| Steam purchased ........................................ | .. | .. | .. | 8.995 |
| Totals ................................................. | * . | 456,150 | -•* | 439,027 |
| Electricity generated for own use .............. kwh. | 1,140,000 | - | 1,288,000 | - |

CABLE 13. Total Horsepower Rating of Power Equipment in Use or Available for Use at the End of 1958

| Type of equipment | Driving generators | Not driving generators |
| :---: | :---: | :---: |
|  | horsepower |  |
| Prime movers: |  |  |
| Steam engines | 800 | 250 |
| Totals | 800 | 250 |
| Electric motors (one quarter horsepower and over) | - | 3,807 |

List of Firms in the Adhesives Industry, 1958



[^0]:    ${ }^{\text {T To arrive at the National Accounts concept of }}$ "gross domestic product at factor cost", it would be necessary to subtract also the cost of office supplies used, advertising, insurance and other goods and services obtained from other businesses. Data on these inputs are not collected on the annual Census of Manufactures. Value added figures for "The primary industries and constructlon"* are published in D.B.S. publication 61-202, Survey of Production.

[^1]:    ${ }^{1}$ See footnote to Table 11.
    ${ }^{2}$ Includes sealing wax, grease, tallow, tankage, blended starches, dextrines, steamed bone and other such products which were reported by only one or two firms in this industry.

[^2]:    ${ }^{2} 1958$ data reported in terms of $100 \%$ solids content as compared with gross weight in previous years.

[^3]:    ${ }^{2}$ Some of the material shown under this heading was mixed with domestically produced bone and hide glue to increase the bonding strength of the latter and, therefore, appears again in the figures shown in tables 3 and 5 for bone and hide glue.

