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## PRODUCTION BULLETIN NO. 6 : CHEMICALS AND BY-PRODUCTS AUSTRALIA, JANUARY 1979

### INQUIRIES

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### EXPLANATORY NOTES

#### Introduction

This bulletin is one of a series of eight publications containing monthly and quarterly production statistics. The titles of the other publications of this series are shown in paragraph 7 below.

2. Data contained in this bulletin are mostly based on monthly or quarterly collections conducted by the Australian Bureau of Statistics (ABS). Where another authority is the source this is indicated in a footnote.

#### Classification

3. Most items are identified by Commodity Codes of the Commodity Classification used in Australian manufacturing statistics. However in cases where data are derived from sources other than ABS collections no commodity code is shown. Furthermore, combinations of commodities are arranged so as to align production data with import and export commodity items in accordance with the Australian Standard Commodity Classification (ASCC). For further information regarding the ASCC see the ABS publication *Australian Standard Commodity Classification, 1975-76* (1207.0).

#### Scope and coverage

4. Production statistics collected by the ABS exclude production by single establishment manufacturing enterprises employing less than four persons and production of establishments predominantly engaged in non-manufacturing activities but which may carry on, in a minor way, some manufacturing. However, except for a few commodities the effect on production levels and movements is marginal.

5. Annual figures shown in this publication are derived by aggregating monthly/quarterly production and relate to production during the year ended 30 June. They may differ from annual manufacturing census data which relate to the census year, and in the case of businesses unable to report on a June year basis include details in respect of substitute accounting periods.

#### Seasonal adjustment

6. This bulletin contains seasonally adjusted statistics of several items. In the seasonal adjustment,

account has been taken not only of normal seasonal factors but also of "trading-day" effects (arising from the varying numbers of Sundays, Mondays, Tuesdays etc. in the month) and the influence of Easter and Australia Day which may, in successive years, affect figures for different months. Details of the methods used in seasonally adjusting these and other series are given in *Seasonally Adjusted Indicators* (1308.0).

#### Related publications

7. Other ABS publications which may be of interest are:

*Production Bulletin No 1 : Electricity, Gas and Electrical Appliances* (8357.0)

*Production Bulletin No 2 : Clothing and Footwear* (8358.0)

*Production Bulletin No 3 : Food, Drink and Tobacco* (8359.0)

*Production Bulletin No 4 : Textiles, Bedding and Floor Coverings* (8360.0)

*Production Bulletin No 5 : Building Materials and Fittings* (8361.0)

*Production Bulletin No 7 : Motor Vehicles, Parts and Accessories* (8363.0)

*Production Bulletin No 8 : Miscellaneous Products* (8364.0)

*Selected Principal Articles Produced* (8365.0)

*Principal Articles Produced* (8363.0)

All publications produced by the ABS are listed in *Catalogue of Publications* (1101.0) which is available free of charge from any ABS office.

#### Symbols and other usages

- n.p. not available for separate publication (but included in totals where applicable)
- .. not applicable
- = nil or less than half the final digit shown
- n.y.a. not yet available

R. J. CAMERON  
Australian Statistician

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## CHEMICALS AND ACIDS

| Period                 | Acids (in terms of 100% acid) |                    |                      |              |                      |                                                          |                                 |                        |
|------------------------|-------------------------------|--------------------|----------------------|--------------|----------------------|----------------------------------------------------------|---------------------------------|------------------------|
|                        | Hydrochloric<br>(401.29)      | Nitric<br>(401.37) | Sulphuric            |              | Chlorine<br>(405.82) | Sodium Hydroxide<br>(100%)<br>(caustic soda)<br>(407.88) | Sulphate of ammonia<br>(405.36) | Super-phosphate<br>(b) |
|                        |                               |                    | Original<br>(401.57) | Seas.ad. (a) |                      |                                                          |                                 |                        |
|                        | tonnes                        | tonnes             | '000 tonnes          |              | tonnes               | tonnes                                                   | tonnes                          | '000 tonnes            |
| 1975-76                | 46,554                        | 147,559            | 1,295                | ..           | 113,326              | 137,238                                                  | 219,764                         | 2,185                  |
| 1976-77                | 51,526                        | 166,056            | 1,721                | ..           | 107,069              | 129,460                                                  | 201,589                         | 3,137                  |
| 1977-78                | 53,386                        | 152,610            | 1,799                | ..           | 106,218              | 131,246                                                  | 217,404                         | 3,388                  |
| 1977 -                 |                               |                    |                      |              |                      |                                                          |                                 |                        |
| December               | 3,794                         | 14,639             | 156                  | 139          | 6,998                | 8,677                                                    | 17,470                          | 304                    |
| 1978 -                 |                               |                    |                      |              |                      |                                                          |                                 |                        |
| January                | 4,839                         | 14,841             | 170                  | 157          | 10,570               | 12,270                                                   | 20,361                          | 270                    |
| February               | 4,106                         | 12,501             | 159                  | 153          | 8,792                | 10,556                                                   | 15,105                          | 317                    |
| March                  | 3,528                         | 13,895             | 168                  | 164          | 8,033                | 9,969                                                    | 18,784                          | 352                    |
| April                  | 4,651                         | 7,244              | 188                  | 167          | 11,585               | 15,743                                                   | 20,358                          | 411                    |
| May                    | 5,076                         | 15,750             | 176                  | 163          | 7,448                | 9,751                                                    | 19,577                          | 373                    |
| June                   | 4,307                         | 8,983              | 145                  | 160          | 7,802                | 8,954                                                    | 11,170                          | 273                    |
| July                   | 4,184                         | 16,232             | 117                  | 153          | 11,026               | 13,385                                                   | 18,268                          | 210                    |
| August                 | 5,654                         | 15,661             | 113                  | 143          | 10,435               | 12,079                                                   | 16,095                          | 176                    |
| September              | 5,037                         | 11,077             | 145                  | 149          | 8,641                | 10,528                                                   | 18,802                          | 246                    |
| October                | 5,131                         | 14,737             | 156                  | 159          | 9,592                | 11,690                                                   | 21,926                          | 272                    |
| November               | 4,269                         | 14,535             | 151                  | 146          | 6,069                | 7,807                                                    | 26,548                          | 286                    |
| December               | 4,305                         | 16,254             | 173                  | 154          | 10,651               | 12,902                                                   | 16,357                          | 271                    |
| 1979 -                 |                               |                    |                      |              |                      |                                                          |                                 |                        |
| January                | 4,462                         | 8,147              | 166                  | 156          | 8,325                | 10,141                                                   | 12,827                          | 309                    |
| 1977-78 : July to Jan. | 31,718                        | 94,237             | 964                  | ..           | 62,558               | 76,273                                                   | 132,410                         | 1,662                  |
| 1978-79 : July to Jan. | 33,042                        | 96,643             | 1,022                | ..           | 64,739               | 78,532                                                   | 130,823                         | 1,769                  |

## PLASTICISERS AND PLASTICS AND SYNTHETIC RESINS

## Plastics and synthetic resins

For moulding, extrusion, laminating, calendering, etc.

| Period                 | Plasticisers<br>(407.02-08) | Phenolic<br>(403.52) | Polyesters<br>(403.62) | Polyethylene<br>(403.65) | Ureas<br>and<br>melamines<br>(403.82) |         | Other (c)<br>(d) | Total   |
|------------------------|-----------------------------|----------------------|------------------------|--------------------------|---------------------------------------|---------|------------------|---------|
|                        |                             |                      |                        |                          |                                       |         |                  |         |
|                        |                             |                      |                        | tonnes                   |                                       |         |                  |         |
| 1975-76                | 22,653                      | 6,889                | 18,195                 | 119,495                  | 3,060                                 | 161,552 |                  | 309,191 |
| 1976-77                | 22,737                      | 8,172                | 17,932                 | 169,538                  | 3,069                                 | 178,735 |                  | 377,446 |
| 1977-78                | 20,229                      | 7,626                | 18,517                 | 168,021                  | 3,317                                 | 195,717 |                  | 393,198 |
| 1977 -                 |                             |                      |                        |                          |                                       |         |                  |         |
| December               | 1,700                       | 512                  | 2,023                  | 9,261                    | 186                                   | 15,962  |                  | 27,944  |
| 1978 -                 |                             |                      |                        |                          |                                       |         |                  |         |
| January                | 1,610                       | 426                  | 807                    | 16,078                   | 111                                   | 16,544  |                  | 33,966  |
| February               | 1,503                       | 722                  | 1,903                  | 14,531                   | 298                                   | 16,489  |                  | 33,943  |
| March                  | 1,886                       | 690                  | 1,471                  | 14,905                   | 308                                   | 18,030  |                  | 35,404  |
| April                  | 1,790                       | 599                  | 1,741                  | 14,187                   | 279                                   | 16,563  |                  | 33,269  |
| May                    | 1,386                       | 828                  | 1,482                  | 14,519                   | 335                                   | 18,159  |                  | 35,323  |
| June                   | 1,327                       | 736                  | 1,466                  | 13,417                   | 339                                   | 14,950  |                  | 30,290  |
| July                   | 1,750                       | 683                  | 1,811                  | 13,050                   | 352                                   | 17,814  |                  | 33,710  |
| August                 | 1,565                       | 465                  | 1,956                  | 14,810                   | 385                                   | 20,787  |                  | 38,403  |
| September              | 1,739                       | 497                  | 1,937                  | 14,612                   | 306                                   | 17,398  |                  | 34,750  |
| October                | 1,303                       | 722                  | 1,978                  | 11,995                   | 335                                   | 17,764  |                  | 32,794  |
| November               | 1,532                       | 655                  | 2,212                  | 10,678                   | 366                                   | 18,604  |                  | 32,515  |
| December               | 1,528                       | 479                  | 1,979                  | 9,514                    | 259                                   | 20,097  |                  | 32,328  |
| 1979 -                 |                             |                      |                        |                          |                                       |         |                  |         |
| January                | n.p.                        | 460                  | 970                    | 15,523                   | n.p.                                  | 19,701  |                  | 36,885  |
| 1977-78 : July to Jan. | 12,337                      | 4,051                | 10,454                 | 96,462                   | 1,758                                 | 111,526 |                  | 224,251 |
| 1978-79 : July to Jan. | n.p.                        | 3,961                | 12,843                 | 90,182                   | n.p.                                  | 132,165 |                  | 241,385 |

(a) See paragraph 6 Explanatory Notes. (b) Code numbers 415.07 and 405.25. Includes double and triple superphosphates and ammonium phosphate expressed in terms of single phosphate i.e. 22%  $P_2O_5$  equivalent. (c) Includes acrylics, cellulotics, vinyls. (d) Code numbers 403.02, 18.20, 73.90, 92.96.

## PLASTICS AND SYNTHETIC RESINS - continued

For protective coatings, paints etc.

| Period                 | Acrylics<br>(a)<br>(404.01) | Alkyds<br>(a)<br>(404.02) | Phenolics<br>(a)<br>(404.32) | Polyvinyl<br>acetate<br>(a)<br>(404.88) | Rosin<br>esters<br>(a)<br>(404.48) | Styrenes<br>(a)<br>(404.62) | Ureas and<br>melamines<br>(a)<br>(404.74) | Polyesters<br>(a)<br>(404.40) | Other<br>(a)<br>(404.94) | Total  |
|------------------------|-----------------------------|---------------------------|------------------------------|-----------------------------------------|------------------------------------|-----------------------------|-------------------------------------------|-------------------------------|--------------------------|--------|
| - tonnes -             |                             |                           |                              |                                         |                                    |                             |                                           |                               |                          |        |
| 1975-76                | 6,064                       | 25,134                    | 1,718                        | 6,423                                   | 2,346                              | 1,020                       | 1,052                                     | 268                           | 5,686                    | 49,711 |
| 1976-77                | 7,275                       | 26,388                    | 1,766                        | 5,503                                   | 2,627                              | 963                         | 1,199                                     | 442                           | 6,315                    | 52,478 |
| 1977-78                | 8,090                       | 26,836                    | 1,608                        | 6,657                                   | 2,277                              | 648                         | 1,349                                     | 579                           | 4,779                    | 52,823 |
| 1977 -                 |                             |                           |                              |                                         |                                    |                             |                                           |                               |                          |        |
| December               | 777                         | 2,321                     | 115                          | 793                                     | n.p.                               | n.p.                        | 115                                       | 48                            | 415                      | 4,948  |
| 1978 -                 |                             |                           |                              |                                         |                                    |                             |                                           |                               |                          |        |
| January                | 453                         | 1,493                     | 82                           | 215                                     | n.p.                               | n.p.                        | 73                                        | 26                            | 323                      | 2,802  |
| February               | 786                         | 2,336                     | 116                          | 477                                     | n.p.                               | n.p.                        | 146                                       | 75                            | 325                      | 4,476  |
| March                  | 702                         | 2,433                     | 179                          | 619                                     | n.p.                               | n.p.                        | 138                                       | 49                            | 423                      | 4,812  |
| April                  | 597                         | 1,958                     | 170                          | 389                                     | n.p.                               | n.p.                        | 125                                       | 57                            | 323                      | 3,858  |
| May                    | 835                         | 2,369                     | 152                          | 487                                     | n.p.                               | n.p.                        | 134                                       | 56                            | 312                      | 4,554  |
| June                   | 763                         | 2,235                     | 178                          | 505                                     | n.p.                               | n.p.                        | 120                                       | n.p.                          | n.p.                     | 4,632  |
| July                   | 782                         | 2,255                     | 177                          | 582                                     | n.p.                               | n.p.                        | 121                                       | 52                            | 453                      | 4,629  |
| August                 | 835                         | 2,398                     | 163                          | 507                                     | n.p.                               | n.p.                        | 128                                       | 92                            | 505                      | 4,913  |
| September              | 751                         | 2,207                     | 108                          | 327                                     | n.p.                               | 55                          | 104                                       | n.p.                          | 228                      | 3,912  |
| October                | 878                         | 2,500                     | 185                          | 499                                     | n.p.                               | 56                          | 360                                       | n.p.                          | 433                      | 5,193  |
| November               | 867                         | 2,750                     | 210                          | 515                                     | n.p.                               | n.p.                        | 185                                       | 91                            | 610                      | 5,522  |
| December               | 721                         | 2,017                     | 144                          | 405                                     | n.p.                               | n.p.                        | 127                                       | n.p.                          | 460                      | 4,153  |
| 1979 -                 |                             |                           |                              |                                         |                                    |                             |                                           |                               |                          |        |
| January                | 428                         | 1,490                     | 105                          | 178                                     | 76                                 | n.p.                        | 79                                        | n.p.                          | 334                      | 2,739  |
| 1977-78 : July to Jan. | 4,407                       | 15,505                    | 813                          | 4,180                                   | n.p.                               | n.p.                        | 686                                       | 318                           | 2,886                    | 30,491 |
| 1978-79 : July to Jan. | 5,262                       | 15,617                    | 1,092                        | 3,013                                   | 1,150                              | n.p.                        | 1,104                                     | n.p.                          | 3,023                    | 31,061 |

## PLASTICS AND SYNTHETIC RESINS - continued

| Period                 | For bonding and adhesives (a) |                            |                              |                |        | For other purposes (b) |               |        | Total for all purposes |
|------------------------|-------------------------------|----------------------------|------------------------------|----------------|--------|------------------------|---------------|--------|------------------------|
|                        | Phenolics (404.34)            | Polyvinyl acetate (404.90) | Ureas and melamines (404.76) | Other (404.96) | Total  | Vinyls (404.84)        | Other (c) (d) | Total  |                        |
|                        | — tonnes —                    |                            |                              |                |        |                        |               |        |                        |
| 1975-76                | 4,096                         | 3,636                      | 28,320                       | 2,693          | 38,745 | 2,599                  | 6,884         | 9,483  | 407,130                |
| 1976-77                | 4,808                         | 4,661                      | 29,234                       | 2,595          | 41,298 | 2,959                  | 6,668         | 9,627  | 480,491                |
| 1977-78                | 5,890                         | 4,932                      | 28,666                       | 1,942          | 41,477 | 3,206                  | 32,044        | 35,250 | 522,748                |
| 1977 —                 |                               |                            |                              |                |        |                        |               |        |                        |
| December               | 593                           | 334                        | 1,827                        | 140            | 2,894  | n.p.                   | n.p.          | 1,729  | 37,515                 |
| 1978 —                 |                               |                            |                              |                |        |                        |               |        |                        |
| January                | 241                           | 98                         | 1,270                        | 83             | 1,692  | n.p.                   | n.p.          | 1,767  | 40,227                 |
| February               | 477                           | 745                        | 2,721                        | 163            | 4,106  | n.p.                   | n.p.          | 4,658  | 47,173                 |
| March                  | 524                           | 650                        | 2,492                        | 232            | 3,898  | n.p.                   | n.p.          | 5,178  | 49,279                 |
| April                  | 507                           | 699                        | 2,658                        | 155            | 4,019  | n.p.                   | n.p.          | 3,750  | 44,994                 |
| May                    | 519                           | 587                        | 2,635                        | 188            | 3,976  | n.p.                   | n.p.          | 6,815  | 50,660                 |
| June                   | 485                           | 433                        | 2,777                        | 139            | 3,834  | n.p.                   | n.p.          | 7,341  | 46,711                 |
| July                   | 452                           | 358                        | 3,184                        | 162            | 4,156  | n.p.                   | n.p.          | 6,313  | 48,808                 |
| August                 | 614                           | 482                        | 2,876                        | 153            | 4,125  | n.p.                   | n.p.          | 7,165  | 54,606                 |
| September              | 483                           | 624                        | 3,637                        | 101            | 4,845  | n.p.                   | n.p.          | 7,221  | 50,728                 |
| October                | 501                           | 641                        | 3,149                        | 171            | 4,462  | n.p.                   | n.p.          | 7,760  | 50,209                 |
| November               | 571                           | 453                        | 2,998                        | 173            | 4,195  | n.p.                   | n.p.          | 7,597  | 49,829                 |
| December               | 462                           | 420                        | 2,370                        | 79             | 3,331  | n.p.                   | n.p.          | 1,120  | 40,932                 |
| 1979 —                 |                               |                            |                              |                |        |                        |               |        |                        |
| January                | 233                           | 224                        | 1,564                        | 115            | 2,136  | n.p.                   | n.p.          | 7,383  | 49,143                 |
| 1977-78 : July to Jan. | 3,378                         | 1,818                      | 15,383                       | 1,102          | 21,681 | n.p.                   | n.p.          | 7,508  | 283,931                |
| 1978-79 : July to Jan. | 3,316                         | 3,202                      | 19,778                       | 954            | 27,250 | n.p.                   | n.p.          | 44,559 | 344,255                |

(a) Liquid resin or emulsion form are shown in terms of dry weight of resin content. (b) e.g. textile impregnation, paper treatment, etc. (c) Includes phenolics and styrenes. (d) Code numbers 404.36, 64, 78, 98.

## PAINTS AND OTHER SURFACE COATINGS

| Period                 | Architectural and decorative paints, enamels and clears (a) |                     |               |                   |                                                            | Industrial paints, enamels and clears (incl. lacquers and water thinned industrial products) (b) |                          |        |
|------------------------|-------------------------------------------------------------|---------------------|---------------|-------------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------|--------|
|                        | Solvent thinned                                             |                     | Water thinned |                   | Tinting colours, all types packed for sale or transfer out | Finishing coats                                                                                  |                          |        |
|                        | Primers and undercoats                                      | Finishing coats (c) | Plastic latex | Other water based |                                                            | Primers and undercoats                                                                           | Nitro-cellulose lacquers | Other  |
|                        |                                                             |                     |               |                   |                                                            |                                                                                                  |                          |        |
| - '000 litres -        |                                                             |                     |               |                   |                                                            |                                                                                                  |                          |        |
| 1975-76                | 12,660                                                      | 29,893              | 31,878        | 286               | 500                                                        | 10,690                                                                                           | 4,909                    | 34,267 |
| 1976-77                | 12,153                                                      | 28,901              | 35,133        | 270               | 582                                                        | 10,892                                                                                           | 4,344                    | 34,391 |
| 1977-78                | 11,832                                                      | 27,945              | 36,090        | 332               | 492                                                        | 10,033                                                                                           | 4,299                    | 33,585 |
| 1977 -                 |                                                             |                     |               |                   |                                                            |                                                                                                  |                          |        |
| December               | 989                                                         | 2,423               | 3,094         | 15                | 32.4                                                       | 776                                                                                              | 339                      | 2,535  |
| 1978 -                 |                                                             |                     |               |                   |                                                            |                                                                                                  |                          |        |
| January                | 821                                                         | 1,821               | 2,316         | 18                | 25.1                                                       | 495                                                                                              | 203                      | 1,810  |
| February               | 981                                                         | 2,334               | 2,908         | 28                | 36.5                                                       | 813                                                                                              | 409                      | 2,761  |
| March                  | 1,054                                                       | 2,539               | 3,024         | 29                | 44.7                                                       | 941                                                                                              | 435                      | 3,092  |
| April                  | 964                                                         | 1,999               | 2,535         | 17                | 41.8                                                       | 806                                                                                              | 327                      | 2,424  |
| May                    | 1,039                                                       | 2,540               | 3,324         | 56                | 46.1                                                       | 975                                                                                              | 416                      | 3,045  |
| June                   | 875                                                         | 2,186               | 2,676         | 54                | 44.8                                                       | 901                                                                                              | 362                      | 2,842  |
| July                   | 846                                                         | 2,085               | 2,632         | 76                | 48.0                                                       | 879                                                                                              | 391                      | 2,659  |
| August                 | 966                                                         | 2,191               | 2,815         | 148               | 55.6                                                       | 847                                                                                              | 409                      | 3,001  |
| September              | 973                                                         | 2,195               | 3,054         | 107               | 55.0                                                       | 953                                                                                              | 451                      | 2,806  |
| October                | 927                                                         | 2,126               | 2,909         | 160               | 39.4                                                       | 921                                                                                              | 431                      | 2,901  |
| November               | 1,123                                                       | 2,764               | 3,887         | 197               | 50.0                                                       | 1,212                                                                                            | 471                      | 3,800  |
| December               | 838                                                         | 1,999               | 2,801         | 118               | 33.9                                                       | 750                                                                                              | 366                      | 2,821  |
| 1979 -                 |                                                             |                     |               |                   |                                                            |                                                                                                  |                          |        |
| January                | 734                                                         | 1,863               | 2,516         | 116               | 46.3                                                       | 505                                                                                              | 219                      | 2,263  |
| 1977-78 : July to Jan. | 6,919                                                       | 16,347              | 21,625        | 148               | 278                                                        | 5,597                                                                                            | 2,349                    | 19,422 |
| 1978-79 : July to Jan. | 6,408                                                       | 15,224              | 20,613        | 923               | 328                                                        | 6,068                                                                                            | 2,738                    | 20,251 |

## PAINTS ETC. - continued AND THINNERS

| Period                 | Wood stains<br>(oil, spirit<br>etc.) packed<br>for sale or<br>transfer out (d)<br>(410.57) | Marine<br>coatings (e)<br>(410.59) | Bituminous<br>paints<br>not<br>elsewhere<br>included (f)<br>(410.65) | Water<br>shedding<br>preparations<br>(410.69) | Other<br>paints and<br>coatings (g)<br>(410.55,67,79) | Thinners                                        |                                          |
|------------------------|--------------------------------------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------|-------------------------------------------------|------------------------------------------|
|                        |                                                                                            |                                    |                                                                      |                                               |                                                       | For nitro-<br>cellulose<br>coatings<br>(410.85) | For all<br>other<br>coatings<br>(410.87) |
|                        |                                                                                            |                                    |                                                                      | - '000 litres -                               |                                                       |                                                 |                                          |
| 1975-76                | 4,606                                                                                      | 1,625                              | 1,393                                                                | 530                                           | 9,651                                                 | 10,656                                          | 12,075                                   |
| 1976-77                | 5,166                                                                                      | 1,694                              | 1,382                                                                | 770                                           | 9,928                                                 | 10,513                                          | 12,769                                   |
| 1977-78                | 5,027                                                                                      | 1,320                              | 1,677                                                                | 600                                           | 9,775                                                 | 10,036                                          | 12,961                                   |
| 1977 -                 |                                                                                            |                                    |                                                                      |                                               |                                                       |                                                 |                                          |
| December               | 437                                                                                        | 87                                 | 70                                                                   | 68.9                                          | 695                                                   | 766                                             | 930                                      |
| 1978 -                 |                                                                                            |                                    |                                                                      |                                               |                                                       |                                                 |                                          |
| January                | 354                                                                                        | 69                                 | 87                                                                   | 28.1                                          | 634                                                   | 568                                             | 652                                      |
| February               | 389                                                                                        | 113                                | 199                                                                  | 62.8                                          | 825                                                   | 903                                             | 1,099                                    |
| March                  | 407                                                                                        | 147                                | 103                                                                  | 62.1                                          | 860                                                   | 944                                             | 1,269                                    |
| April                  | 302                                                                                        | 111                                | 133                                                                  | 45.5                                          | 725                                                   | 766                                             | 1,001                                    |
| May                    | 398                                                                                        | 124                                | 126                                                                  | 54.1                                          | 964                                                   | 925                                             | 1,297                                    |
| June                   | 354                                                                                        | 113                                | 202                                                                  | 31.8                                          | 760                                                   | 846                                             | 1,019                                    |
| July                   | 311                                                                                        | 184                                | 148                                                                  | 61.6                                          | 800                                                   | 748                                             | 1,011                                    |
| August                 | 379                                                                                        | 138                                | 145                                                                  | 49.3                                          | 876                                                   | 944                                             | 1,097                                    |
| September              | 381                                                                                        | 132                                | 108                                                                  | 30.1                                          | 784                                                   | 821                                             | 1,104                                    |
| October                | 392                                                                                        | 123                                | 79                                                                   | 58.2                                          | 795                                                   | 799                                             | 1,116                                    |
| November               | 444                                                                                        | 148                                | 100                                                                  | 45.7                                          | 948                                                   | 965                                             | 1,335                                    |
| December               | 377                                                                                        | 89                                 | 59                                                                   | 46.7                                          | 752                                                   | 741                                             | 952                                      |
| 1979 -                 |                                                                                            |                                    |                                                                      |                                               |                                                       |                                                 |                                          |
| January                | 297                                                                                        | 171                                | 117                                                                  | 16.0                                          | 644                                                   | 660                                             | 826                                      |
| 1977-78 : July to Jan. | 3,175                                                                                      | 713                                | 915                                                                  | 344                                           | 5,640                                                 | 5,651                                           | 7,275                                    |
| 1978-79 : July to Jan. | 2,581                                                                                      | 986                                | 757                                                                  | 308                                           | 5,600                                                 | 5,679                                           | 7,441                                    |

(a) Excludes heavy duty coatings. (b) Includes automotive. (c) Includes varnishes and clear plastic coatings such as floor treatment compounds and two-pack type coatings. (d) Includes par-pigmented, Madison and Creosote types for all uses including industrial. (e) Excludes super structure paints which are included with architectural and decorative paints. (f) Excludes car body sound deadeners, heavy duty coatings and marine bituminous coatings. (g) Includes heavy duty coatings and decorative seamless flooring compounds and other paints and coatings not elsewhere included. Excludes leather dressings.

## PAINTS AND OTHER SURFACE COATINGS : STATES - JANUARY 1979

| Code No.                                                                                          | Item                                                                          | N.S.W.  | Vic.    | Qld     | S.A.   | W.A. & Tas. | Australia |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|---------|---------|---------|--------|-------------|-----------|
| - litres -                                                                                        |                                                                               |         |         |         |        |             |           |
| Architectural and decorative paints, enamels and clears (a) -                                     |                                                                               |         |         |         |        |             |           |
| Solvent thinned -                                                                                 |                                                                               |         |         |         |        |             |           |
| 410.01                                                                                            | Primers and undercoats                                                        | 284,616 | 220,437 | 164,951 | 26,208 | 32,670      | 733,891   |
| Finishing coats, pigmented -                                                                      |                                                                               |         |         |         |        |             |           |
| 410.03                                                                                            | Full gloss                                                                    | 583,074 | 315,229 | 270,392 | 65,199 | 50,993      | 1,284,887 |
| 410.05                                                                                            | Other than full gloss                                                         | 200,264 | 130,687 | 40,836  | 16,763 | 16,964      | 405,514   |
| 410.07                                                                                            | Finishing coats, clears                                                       | 92,739  | 54,612  | 9,943   | 8,230  | 7,057       | 172,581   |
| Water thinned -                                                                                   |                                                                               |         |         |         |        |             |           |
| Plastic latex -                                                                                   |                                                                               |         |         |         |        |             |           |
| 410.11                                                                                            | Primers and undercoats                                                        | 56,872  | 72,118  | 36,246  | 4,339  | 8,042       | 177,617   |
| Finishing coats -                                                                                 |                                                                               |         |         |         |        |             |           |
| 410.13                                                                                            | Flat                                                                          | 699,039 | 438,899 | 108,169 | 94,034 | 122,118     | 1,462,259 |
| 410.15                                                                                            | Other than flat (satin, semi-gloss, gloss)                                    | 309,603 | 266,312 | 193,903 | 48,042 | 58,195      | 876,055   |
| 410.17                                                                                            | Other water based                                                             | 43,900  | n.p.    | n.p.    | -      | n.p.        | 116,314   |
| 410.25                                                                                            | Tinting colours, all types, packed for sale or transfer out                   | 24,834  | 13,788  | n.p.    | n.p.   | -           | 46,252    |
| Industrial paints, enamels and clears (includes lacquers and water thinned industrial products) - |                                                                               |         |         |         |        |             |           |
| Automotive -                                                                                      |                                                                               |         |         |         |        |             |           |
| 410.31                                                                                            | Primers and undercoats                                                        | 70,307  | 98,734  | n.p.    | n.p.   | n.p.        | 235,434   |
| Finishing coats -                                                                                 |                                                                               |         |         |         |        |             |           |
| 410.33                                                                                            | Nitro-cellulose lacquers                                                      | 14,479  | 4,862   | -       | n.p.   | n.p.        | 20,794    |
| 410.37                                                                                            | Other                                                                         | n.p.    | 270,163 | n.p.    | n.p.   | n.p.        | 578,976   |
| Other industrial -                                                                                |                                                                               |         |         |         |        |             |           |
| 410.41                                                                                            | Primers and undercoats                                                        | 116,807 | 89,546  | 40,861  | 11,908 | 10,753      | 269,875   |
| Finishing coats -                                                                                 |                                                                               |         |         |         |        |             |           |
| Nitro-cellulose lacquers -                                                                        |                                                                               |         |         |         |        |             |           |
| 410.43                                                                                            | Clears                                                                        | 72,250  | 35,299  | n.p.    | n.p.   | n.p.        | 138,487   |
| 410.45                                                                                            | Colours                                                                       | 43,175  | 6,980   | n.p.    | n.p.   | -           | 60,059    |
| Other -                                                                                           |                                                                               |         |         |         |        |             |           |
| 410.47                                                                                            | Clears                                                                        | 312,817 | 269,498 | n.p.    | n.p.   | n.p.        | 640,060   |
| 410.49                                                                                            | Colours                                                                       | 540,563 | 279,607 | 89,365  | 52,028 | 82,386      | 1,043,949 |
| 410.55                                                                                            | Heavy duty coatings                                                           | 138,849 | 95,864  | n.p.    | n.p.   | 36,568      | 341,509   |
| 410.57                                                                                            | Wood stains (oil, spirit, etc.) packed for sale or transfer out (b)           | 114,529 | 125,458 | 43,768  | n.p.   | n.p.        | 297,056   |
| 410.59                                                                                            | Marine coatings (c)                                                           | 61,840  | 23,670  | n.p.    | n.p.   | n.p.        | 171,460   |
| 410.65                                                                                            | Bituminous paints, not elsewhere included (d)                                 | 113,198 | 2,554   | n.p.    | -      | n.p.        | 117,260   |
| 410.67                                                                                            | Decorative seamless flooring compounds                                        | n.p.    | n.p.    | 10,973  | 1,273  | n.p.        | 14,548    |
| 410.69                                                                                            | Water shedding preparations                                                   | n.p.    | n.p.    | 10,973  | 1,273  | n.p.        | 16,002    |
| 410.79                                                                                            | Other paints and coatings not elsewhere included (excludes leather dressings) | 43,600  | 166,081 | n.p.    | n.p.   | n.p.        | 301,236   |
| Thinners -                                                                                        |                                                                               |         |         |         |        |             |           |
| 410.85                                                                                            | For nitro-cellulose coatings                                                  | 219,055 | 254,713 | 77,780  | 51,205 | 57,702      | 660,455   |
| 410.87                                                                                            | For all other coatings                                                        | 301,368 | 216,712 | 175,779 | 99,120 | 33,441      | 826,420   |

## PAPER

| Period                 | Newsprint<br>(351.11) | Printings<br>(351.18) | Writings<br>and                | Wrapping             |                   | Tissue<br>and<br>sanitary | Other (f)<br>(351.21.79) | Total |
|------------------------|-----------------------|-----------------------|--------------------------------|----------------------|-------------------|---------------------------|--------------------------|-------|
|                        |                       |                       | duplicating (e)<br>(351.25.29) | Kraft<br>(351.41.43) | Other<br>(351.49) | (351.51)                  |                          |       |
|                        |                       |                       | - tonnes -                     |                      |                   |                           |                          |       |
| 1975-76                | 206,227               | 46,344                | 69,944                         | 303,232              | 89,246            | 29,332                    | 744,325                  |       |
| 1976-77                | 206,590               | 54,829                | 54,966                         | 321,623              | 91,041            | 28,915                    | 790,964                  |       |
| 1977-78                | 207,621               | 69,982                | 82,877                         | 323,087              | 93,586            | 35,252                    | 812,405                  |       |
| 1977 -<br>December     | 13,870                | 3,014                 | 7,135                          | 34,287               | 6,777             | 3,512                     | 68,595                   |       |
| 1978 -<br>January      | 16,323                | 5,477                 | 5,479                          | 14,222               | 6,829             | 4,136                     | 52,466                   |       |
| February               | 16,810                | 6,875                 | 6,516                          | 22,077               | 7,196             | 2,859                     | 62,333                   |       |
| March                  | 18,293                | 5,917                 | 6,428                          | 26,021               | 7,630             | 2,011                     | 66,300                   |       |
| April                  | 17,932                | 7,708                 | 7,082                          | 24,194               | 9,881             | 3,025                     | 69,822                   |       |
| May                    | 18,128                | 7,042                 | 7,073                          | 27,932               | 7,752             | 3,258                     | 71,185                   |       |
| June                   | 17,337                | 7,199                 | 6,191                          | 30,726               | 8,766             | 3,373                     | 73,592                   |       |
| July                   | 19,117                | 6,711                 | 7,551                          | 12,258               | 13,645            | 9,275                     | 70,276                   |       |
| August                 | 18,851                | 6,958                 | 7,564                          | 13,485               | 14,851            | 8,548                     | 72,296                   |       |
| September              | 18,020                | 8,155                 | 8,122                          | 10,745               | 18,697            | 10,399                    | 76,050                   |       |
| October                | 18,424                | 7,311                 | 9,334                          | 10,278               | 10,995            | 7,648                     | 65,717                   |       |
| November               | 17,114                | 9,197                 | 7,398                          | 25,782               | 8,363             | 2,481                     | 70,335                   |       |
| December               | 13,278                | 7,673                 | 8,483                          | 26,414               | 6,378             | 1,818                     | 64,044                   |       |
| 1979 -<br>January      | 16,607                | n.p.                  | n.p.                           | 26,574               | 4,769             | n.p.                      | 48,298                   |       |
| 1977-78 : July to Jan. | 119,121               | 35,241                | 49,587                         | 192,137              | 52,361            | 20,726                    | 469,173                  |       |
| 1978-79 : July to Jan. | 121,411               | n.p.                  | n.p.                           | 183,724              | 55,380            | n.p.                      | 467,016                  |       |

(a) Excludes heavy duty coatings. (b) Includes pigmented, Madison and Creosote types for all uses including industrial. (c) Excludes super structure paints which are included with architectural and decorative paints. (d) Excludes car body sound deadeners, heavy duty coatings and marine bituminous coatings. (e) Prior to July 1978, figures relate to code no. 351.29 only. (f) Prior to July 1978, includes code no. 351.25.

## PULP, PAPER BOARDS AND PAPER FELTS

| Period                 | Wood pulp (a)        |                     |                | Paper boards (b)           |                            |                | Paper felts (353.01) |
|------------------------|----------------------|---------------------|----------------|----------------------------|----------------------------|----------------|----------------------|
|                        | Chemical (341.31-37) | Mechanical (341.39) | Other (341.45) | Other                      |                            |                |                      |
|                        |                      |                     |                | Box and carton (352.21,23) | Uncoated                   |                |                      |
|                        |                      |                     |                |                            | Box and container (352.13) | Other (352.33) |                      |
| 1975-76                | 162,152              | 173,766             | 219,748        | 118 917                    | 217,878                    | 45,515         | 52                   |
| 1976-77                | 182,874              | 184,182             | 229,896        | 123,634                    | 259,988                    | 52,742         | 277                  |
| 1977-78                | 189,815              | 193,368             | 243,187        | 119,573                    | 250,919                    | 44,798         | 69                   |
| 1977 -<br>December     | 17,876               | 13,921              | 21,344         | 12,032                     | 24,019                     | 1,767          | 46                   |
| 1978 -<br>January      | 16,567               | 13,722              | 13,545         | 4,963                      | 18,118                     | 2,599          | 5                    |
| February               | 15,890               | 16,255              | 17,477         | 10,296                     | 18,240                     | 3,135          | -                    |
| March                  | 16,484               | 15,148              | 19,583         | 10,461                     | 19 729                     | 4,382          | -                    |
| April                  | 14,168               | 16,142              | 22,728         | 11,092                     | 15,372                     | 4,003          | -                    |
| May                    | 15,500               | 18,241              | 22,286         | 10,813                     | 24 733                     | 4,599          | -                    |
| June                   | 17,493               | 17,415              | 21,158         | 9,424                      | 24 719                     | 4,501          | -                    |
| July                   | 16,178               | 14,787              | 18,005         | 8,635                      | 26,059                     | 2,707          | -                    |
| August                 | 17,250               | 18,120              | 20,616         | 12,134                     | 19,319                     | 2,928          | 60                   |
| September              | 16,277               | 19,338              | 24,979         | 13,601                     | 30,234                     | 5,491          | -                    |
| October                | 16,124               | 15,888              | 22,464         | 9,969                      | 17,098                     | 3,854          | n.p.                 |
| November               | 16,711               | 14,727              | 21,710         | 12,383                     | 17,248                     | n.p.           | -                    |
| December               | 16,500               | 12,084              | 23,794         | 7,415                      | 18,693                     | n.p.           | n.p.                 |
| 1979 -<br>January      | 15,686               | 11,369              | 24,836         | 6,449                      | 16,591                     | n.p.           | -                    |
| 1977-78 : July to Jan. | 110,280              | 110,167             | 139,955        | 67 487                     | 148,126                    | 24,178         | 69                   |
| 1978-79 : July to Jan. | 114,726              | 106,313             | 156,404        | 70,586                     | 145,242                    | n.p.           | n.p.                 |

## ADHESIVE TAPES

| Period                 | Produced in establishment                |                                     |                       |                     |                          | Converted from rolls purchased or transferred in |                                     |                                      |                                |                                                  |
|------------------------|------------------------------------------|-------------------------------------|-----------------------|---------------------|--------------------------|--------------------------------------------------|-------------------------------------|--------------------------------------|--------------------------------|--------------------------------------------------|
|                        | Gummed (liquid activated)<br>(769.21,31) | Pressure sensitive (non-reinforced) |                       |                     |                          | Gummed (liquid activated)<br>(769.08,09)         | Pressure sensitive (non-reinforced) |                                      |                                | Pressure sensitive reinforced (d)<br>(769.14,41) |
|                        |                                          | Paper<br>(769.51)                   | Original manufacture  |                     |                          |                                                  | Paper<br>(769.15)                   | Cellulose and plastic<br>(769.17,18) | Cloth and other<br>(769.16,19) |                                                  |
|                        |                                          |                                     | Cellulose<br>(769.53) | Plastic<br>(769.54) | Other (c)<br>(769.52,59) |                                                  |                                     |                                      |                                |                                                  |
|                        |                                          |                                     |                       |                     | - '000 square metres -   |                                                  |                                     |                                      |                                |                                                  |
| 1975-76                | 1,560                                    | 9,610                               | 6,830                 | 6,868               | 192                      | 3,241                                            | 2,740                               | 4,279                                | 396                            | 756                                              |
| 1976-77                | n.p.                                     | 9,163                               | 6,233                 | 7,440               | 246                      | 2,479                                            | 2,426                               | 2,638                                | 465                            | 572                                              |
| 1977-78                | n.p.                                     | 8,223                               | 5,368                 | 8,146               | 264                      | 2,933                                            | 3,387                               | 530                                  | 311                            | 724                                              |
| 1977 -<br>December     | 555                                      | 466                                 | 568                   |                     | 701                      | n.p.                                             | 206                                 | 37                                   | 27                             | 30                                               |
| 1978 -<br>January      | n.p.                                     | 279                                 | 144                   |                     | 376                      | n.p.                                             | 277                                 | 18                                   | 14                             | 43                                               |
| February               | 1,005                                    | 686                                 | 415                   |                     | 516                      | 315                                              | 348                                 | 94                                   | 28                             | 51                                               |
| March                  | 762                                      | 454                                 | 479                   |                     | 656                      | n.p.                                             | 363                                 | 48                                   | 19                             | 83                                               |
| April                  | 673                                      | 690                                 | 543                   |                     | 783                      | 273                                              | 402                                 | 37                                   | 28                             | 92                                               |
| May                    | 637                                      | 678                                 | 572                   |                     | 624                      | 272                                              | 555                                 | 17                                   | 20                             | 86                                               |
| June                   | 507                                      | 741                                 | 502                   |                     | 792                      | 169                                              | 544                                 | 35                                   | 24                             | 86                                               |
| July                   | 330                                      | 793                                 | 640                   | 716                 | 51                       | 171                                              | n.p.                                | 33                                   | 18                             | 53                                               |
| August                 | 630                                      | 967                                 | 494                   | 1,069               | 29                       | 244                                              | n.p.                                | 35                                   | 33                             | 44                                               |
| September              | n.p.                                     | 896                                 | 437                   | 870                 | 46                       | 233                                              | 169                                 | n.p.                                 | 38                             | 49                                               |
| October                | n.p.                                     | 1,057                               | 600                   | 1,037               | 17                       | 275                                              | 338                                 | n.p.                                 | 27                             | 75                                               |
| November               | 1,016                                    | 1,027                               | 562                   | 925                 | 78                       | n.p.                                             | n.p.                                | 40                                   | 38                             | 38                                               |
| December               | n.p.                                     | 524                                 | 568                   | 978                 | 45                       | n.p.                                             | n.p.                                | n.p.                                 | n.p.                           | 48                                               |
| 1979 -<br>January      | n.p.                                     | 260                                 | 320                   | 347                 | 9                        | n.p.                                             | 313                                 | -                                    | n.p.                           | 24                                               |
| 1977-78 : July to Jan. | 4,732                                    | 4,975                               | 2,857                 |                     | 5,038                    | 1,696                                            | 1,678                               | 299                                  | 257                            | 266                                              |
| 1978-79 : July to Jan. | n.p.                                     | 5,523                               | 3,621                 | 5,941               | 275                      | n.p.                                             | 1,755                               | n.p.                                 | 183                            | 332                                              |

(a) Quantities shown represent tonnes air-dried. (b) Paper exceeding 275 grammes per square metre is classified as paper board. (c) Includes cloth. (d) Refers to production in the establishment and conversion from rolls purchased or transferred in.

## UNSUPPORTED PLASTICS FILM, FOIL AND SHEETING (a) - BY POLYMER TYPE

| Period                | Vinyl chloride<br>including<br>co-polymers<br>(423.02,03,06,07) | Polyethylene                      |                                   | Poly-<br>styrene<br>(423.31,35) | Other<br>(d)<br>(423.41,45,61,65) | Total   |
|-----------------------|-----------------------------------------------------------------|-----------------------------------|-----------------------------------|---------------------------------|-----------------------------------|---------|
|                       |                                                                 | Low<br>density (b)<br>(423.11,15) | High<br>density (c)<br>(42.21,25) |                                 |                                   |         |
|                       |                                                                 | - '000 kilograms -                |                                   |                                 |                                   |         |
| 1975-76               | 15,674                                                          | 54,319                            | 1,393                             | 6,817                           | 11,248                            | 89,651  |
| 1976-77               | 15,473                                                          | 59,991                            | 1,976                             | 8,727                           | 14,788                            | 100,954 |
| 1977-78               | 15,385                                                          | 64,719                            | 1,965                             | 8,225                           | 15,045                            | 105,540 |
| 1977 -<br>December    | 954                                                             | 4,683                             | 156                               | 663                             | 1,198                             | 7,654   |
| 1978 -                |                                                                 |                                   |                                   |                                 |                                   |         |
| January               | 515                                                             | 3,878                             | 68                                | 450                             | 887                               | 5,758   |
| February              | 1,133                                                           | 6,171                             | 234                               | 679                             | 1,259                             | 9,476   |
| March                 | 1,136                                                           | 5,724                             | 194                               | 733                             | 1,215                             | 9,003   |
| April                 | 1,219                                                           | 5,553                             | 166                               | 672                             | 966                               | 8,526   |
| May                   | 1,695                                                           | 6,129                             | 208                               | 638                             | 1,061                             | 9,731   |
| June                  | 1,358                                                           | 5,942                             | 201                               | 676                             | 1,191                             | 9,368   |
| July                  | 1,295                                                           | 5,395                             | 231                               | 712                             | 1,232                             | 8,866   |
| August                | 1,465                                                           | 6,443                             | 210                               | 886                             | 1,311                             | 10,316  |
| September             | 1,452                                                           | 6,335                             | 208                               | 663                             | 1,201                             | 9,860   |
| October               | 1,479                                                           | 6,317                             | 166                               | 773                             | 1,284                             | 10,018  |
| November              | 1,670                                                           | 6,327                             | 282                               | 884                             | 1,455                             | 10,617  |
| December              | 952                                                             | 4,966                             | 260                               | 603                             | 1,031                             | 7,812   |
| 1979 -                |                                                                 |                                   |                                   |                                 |                                   |         |
| January               | 855                                                             | 3,984                             | 130                               | 533                             | 851                               | 6,354   |
| 1977-78: July to Jan. | 8,844                                                           | 35,201                            | 1,163                             | 4,877                           | 9,352                             | 59,437  |
| 1978-79: July to Jan. | 9,169                                                           | 39,767                            | 1,487                             | 5,054                           | 8,365                             | 63,843  |

## UNSUPPORTED PLASTICS FILM, FOIL AND SHEETING (a) - BY THICKNESS

| Period                 | Film (thickness less than 0.25 mm)               |                            |            | Sheeting and sheets (thickness 0.25 mm and over) |                            |                           | Total film and sheeting and sheets |
|------------------------|--------------------------------------------------|----------------------------|------------|--------------------------------------------------|----------------------------|---------------------------|------------------------------------|
|                        | Vinyl chloride including co-polymers (423.02,03) | Other (423.11,21,31,41,61) | Total film | Vinyl chloride including co-polymers (423.06,07) | Other (423.15,25,35,45,65) | Total sheeting and sheets |                                    |
| - '000 kilograms -     |                                                  |                            |            |                                                  |                            |                           |                                    |
| 1975-76                | 9,787                                            | 60,901                     | 70,688     | 5,887                                            | 13,076                     | 18,963                    | 89,651                             |
| 1976-77                | 8,743                                            | 69,486                     | 78,229     | 6,730                                            | 15,995                     | 22,725                    | 100,954                            |
| 1977-78                | 8,356                                            | 74,892                     | 83,248     | 7,028                                            | 15,264                     | 22,293                    | 105,540                            |
| 1977 -<br>December     | 514                                              | 5,470                      | 5,984      | 441                                              | 1,220                      | 1,670                     | 7,654                              |
| 1978 -                 |                                                  |                            |            |                                                  |                            |                           |                                    |
| January                | 304                                              | 4,328                      | 4,642      | 211                                              | 945                        | 1,156                     | 5,798                              |
| February               | 655                                              | 7,120                      | 7,775      | 478                                              | 1,222                      | 1,700                     | 9,476                              |
| March                  | 690                                              | 6,601                      | 7,291      | 476                                              | 1,266                      | 1,712                     | 9,003                              |
| April                  | 779                                              | 6,177                      | 6,957      | 439                                              | 1,130                      | 1,569                     | 8,526                              |
| May                    | 946                                              | 6,819                      | 7,765      | 749                                              | 1,218                      | 1,967                     | 9,731                              |
| June                   | 867                                              | 6,785                      | 7,652      | 491                                              | 1,225                      | 1,716                     | 9,368                              |
| July                   | 748                                              | 6,184                      | 6,932      | 547                                              | 1,386                      | 1,934                     | 8,866                              |
| August                 | 886                                              | 7,163                      | 8,049      | 579                                              | 1,687                      | 2,266                     | 10,316                             |
| September              | 844                                              | 7,019                      | 7,863      | 608                                              | 1,388                      | 1,996                     | 9,860                              |
| October                | 873                                              | 7,074                      | 7,947      | 605                                              | 1,466                      | 2,071                     | 10,018                             |
| November               | 1,018                                            | 7,183                      | 8,201      | 622                                              | 1,765                      | 2,387                     | 10,618                             |
| December               | 544                                              | 5,698                      | 6,242      | 408                                              | 1,162                      | 1,570                     | 7,812                              |
| 1979 -                 |                                                  |                            |            |                                                  |                            |                           |                                    |
| January                | 527                                              | 4,476                      | 5,003      | 328                                              | 1,022                      | 1,351                     | 6,354                              |
| 1977-78 : July to Jan. | 4,418                                            | 41,390                     | 45,808     | 4,425                                            | 9,203                      | 13,629                    | 59,437                             |
| 1978-79 : July to Jan. | 5,472                                            | 44,796                     | 50,267     | 3,698                                            | 9,878                      | 13,575                    | 63,843                             |

(a) Rigid and flexible (includes flat tubing) - not profile. Includes film or sheet used in further production in the same establishment. (b) S.G. less than 0.941. (c) 0.941 S.G. and above. (d) Includes cellulose acetate.