ASBESTOS



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EHRET MAGNESIA MANUFACTURING COMPANY

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"ASBESTOS"

FOUNDED IN JULY 1919 AND PUBLISHED
MONTHLY SINCE THAT DATE
BY SECRETARIAL SERVICE
17th FLOOR INQUIRER BUILDING
PHILADELPHIA, 30, PENNSYLVANIA

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A. S. ROSSITER, *Editor*
E. E. COX, *Circulation Manager*

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ABBREVIATIONS

The increasing use of abbreviations, or, alphabetical appellations such as OPA, FHA, UN, CIO, etc., is really a godsend to the newspaperman or the maker of headlines, altho some day someone may have to compile a dictionary of such appellations so that the general public will know, or can find out, what they are reading about.

Your Editor has found the practice of abbreviation very helpful especially in writing the headlines of News Items, with the result that we are now using alphabetical symbols (we suppose you might call them) instead of the many long names in the Asbestos Industry, being careful, however, to spell out the names in the context, so that readers, particularly newcomers to the Industry or those who may not be connected with the Industry at all, such as research workers, heads of large industrial companies, may not become confused.

Some of the abbreviations commonly used by us are R-M for Raybestos-Manhattan, Inc.; K & M for Keasbey & Mattison Co.; Unarco for Union Asbestos and Rubber Co.; B. L. M. A. for Brake Lining Manufacturers' Association; A. C. P. A. for Asbestos-Cement Products Association; M. I. M. A. for Magnesia Insulation Manufacturers Association; A. S. T. M. for American Society for Testing Materials; A. S. H. V. E. for American Society of Heating & Ventilating Engineers. In other cases we use the principal word in a firm's name, such as Carey, Ehret, Plant, Thermoid, Ruberoid, etc.

Anyone can see that it is simply impossible to make a short headline when a firm's name like The Philip Carey Manufacturing Company must be spelled out, and when it comes to writing, for instance, Manhattan Rubber Division of Raybestos-Manhattan, Inc., if we couldn't abbreviate we fear we would be tempted to throw the news item in the wastebasket!

Therefore we warn our readers that the practice of abbreviation will be used more and more frequently in the future. It saves time, type and space, and at the same time improves the appearance and readability of the magazine.

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THE PIONEERS AND THE PLODDERS

"There are two kinds of people—those who pioneer and those who plod". This saying is attributed to Henry Ford and we cannot help wondering just what he had in mind when uttering (or writing) it.

Undoubtedly Ford himself was a pioneer, but he evidently realized that his work as a pioneer would not have amounted to much without the plodders. Else why did he raise his workers' wage rate so long before any other industrial concern. His $5. per day minimum wage rate in 1914 startled the world.

The pioneers are needed badly but it requires the plodders to carry out their plans. One complements the work of the other; not much progress would be made without both working side by side.

Recognize the pioneers among your workers; give them every encouragement to venture into new fields and try out their ideas; but at the same time do not discount the services of the plodders—they may never get any farther than they are at present, but they can generally be counted on to stand by when needed.

• • • —

AIR CONDITIONING, by Herbert Herkimer, Director of the Herkimer Institute of Mechanical Trades, and Harold Herkimer, M. E., has just been published by the Chemical Publishing Co., Inc.

The first part of the book reviews the laws of chemistry and physics associated with the science of air conditioning. The second part treats the more practical aspects of the subject,—equipment, material and costs.

The book is described by the publishers as an indispensable book for engineers and other workers engaged in this ever-growing industry.

Price is $12.00; order from the publishers or from "ASBESTOS".

• • • —

Tomorrow will be the most wonderful day in history. That's the day when we're all going to begin doing better.—Robert Quillen.

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COMMENTS FROM GERMANY

It has been a very great pleasure this past month to hear from some of our former readers and advertisers in Germany, among whom are Becker & Haag (Mr. Herman Becker) and "Tropag" Asbest. & Erzimport—Oscar H. Ritter K. G., both of Hamburg.

Mr. Becker tells us that they lost their office at Berlin (Bernburgerstr. 31) in January 1945 with all their papers and statistics, but are now established at Teutonenstr. 14, Nikolasse, Berlin in the Eastern Zone of Occupation, and have a branch office at Brandstwiete 29, Dovenhof 96, Hamburg 11, this latter office being directed by Mr. Herman Becker. Furthermore their Mr. Heinrich Becker Senior Chief and founder of their house, died on January 11, 1941.[1] Perhaps some of our readers will like to contact them at the Hamburg address.

"Tropag" comment on the asbestos trade in Germany, and their remarks will probably be of interest to subscribers and advertisers. They say:

"The import of asbestos has started again and already some shipments of 300 tons of South African Blue have actually arrived. These are exclusively for the British-American Zones of Germany. The Russians have also started and are sending 300 tons of Ural Asbestos to Stettin for the Russian Zone. The annual amount fixed at present for the import of asbestos into the British-American zones of Germany is about $800,000 but it is very difficult to obtain deliveries of Canadian Asbestos because some of the Mines are sold out.

"It was therefore suggested that the four leading Canadian Asbestos Mines should combine to supply the relatively small tonnage required by Germany. The import of this raw material is very urgent and essential for the re-equipment of the Germany Coal Mines and Railways. Stocks have run so low that it has been necessary to import some packings and jointings by airplane from Sweden. It is in fact very important that an initial shipment of 1,000 tons medium spinning fibre and shorter

[1]Reported by "ASBESTOS" February 1941, page 33.

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grades be made immediately, as without them it is not possible to work the blue asbestos properly. One cannot produce high pressure jointings from Blue Asbestos alone; the German factories need a mixture of about 60% white and 40% blue asbestos for this purpose. The German importers of asbestos are working hand in hand, and all the fibres imported are distributed by them to the asbestos manufacturers according to allotments made by the authorities. Payment is made by the Joint Export-Import Agency (J. E. I. A.) at Minden/Westfalia in dollars, and credits can be established in New York or elsewhere.

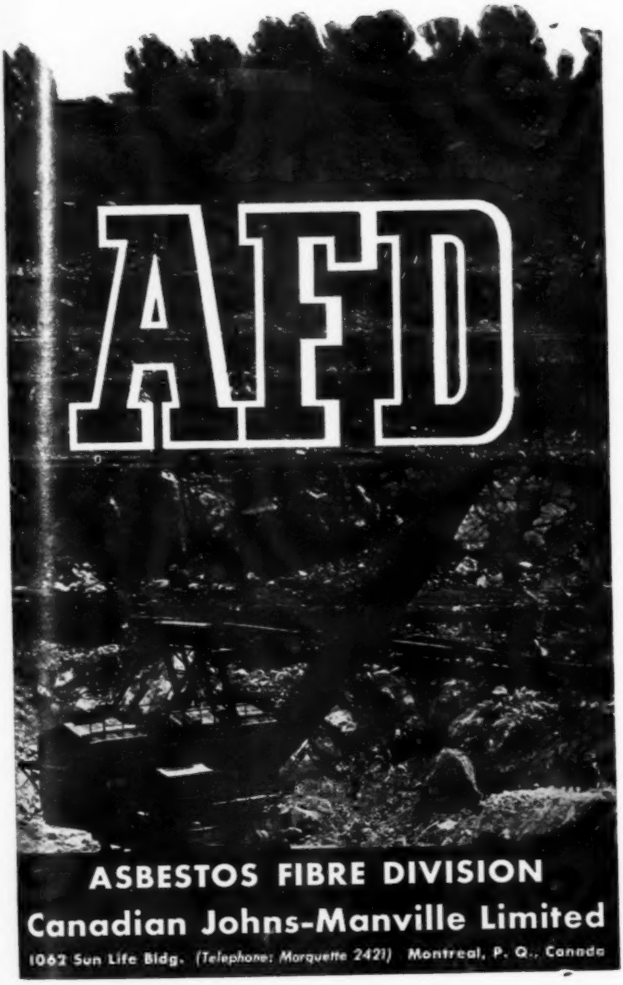
"Before the war Germany imported about 28,000 tons of asbestos and the requirements for the 12 months from July 1947 to June 1948 are estimated at about 12,000 tons, about half of which should be the longer fibres."

"Tropag" then gives us a tabulation of imports of asbestos before the war (1937 and 1938) by countries. Believing that our readers will find such a tabulation interesting and probably helpful as well, it is given below:

	1937	1938
From Canada	15,196 tons	19,855 tons
Rhodesia	4,598 "	4,980 "
South Africa	1,167 "	1,309 "
Finland	1,240 "	1,031 "
U. S. A.	440 "	652 "
Australia	18 "	103 "
Czecho-Slovakia	555 "	335 "
Cyprus	138 "	198 "
Italy	326 "	36 "
Other Countries	346 "	396 "
	24,024 "	28,795 "

Up until recently we were not permitted to send "ASBESTOS" to anyone in Germany; now, however, we have been told that it can be sent provided the envelope is marked "Non-commercial printed matter". Therefore we hope to be able to count some of our pre-war readers among our post-war ones. Not only German Asbestos firms but others in Europe, are eager to receive it so that they may be kept informed of what is going on in the Asbestos Industry.

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ELECTRON MICROSCOPY OF CATALYSTS

The third and last part of the article supplied by the American Russian Institute and translated from the Russian. The first and second parts were published in our August and September numbers as were also the photomicrographs referred to below.

Distribution of the Catalyst on the Asbestos.

A very important question for the theory of catalysts is the one of whether the particles of the catalyst are distributed on the asbestos in the form of a solid film covering the asbestos fibre or whether it is distributed as separate and larger crystalline growths.

As is shown by the electron photomicrographs of a series of mixed oxides and metallic contacts deposited on the asbestos, in all cases studied by us the particles of catalysts rest on the asbestos fibre in the form of separate grains with sharply defined outlines.

In Figs. 2, 3, 4, 7, 10, 12, 13, 14, 15 are shown some photographs[1] of such contacts. In these pictures may be seen a great polydispersion of the catalysts. Thus, for example, in the zinc ferrite catalyst (low activity) (Figs. 3 and 4) there may be seen along with large grains of the order of 0.5 microns and smaller particles of the order of 8 to 10 millimicrons. In the 30% platinized asbestos (Fig. 15) there may be seen small particles of the order of several millimicrons crystallized in the form of rather accurate cubes and parallelopipeds; along with these may be observed clusters of the order of several tens of microns.

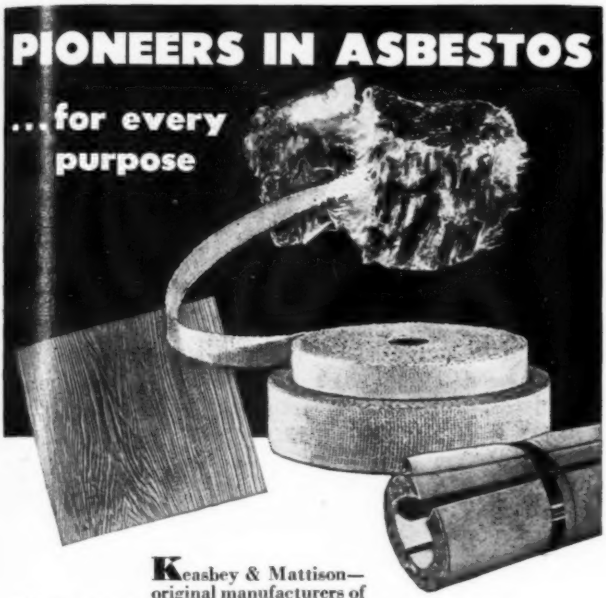
Even for a deposit with a ratio of 1:1 the particles of catalyst are located rather far apart from each other. For example, Figs. 3 and 4 show that for zinc ferrite deposited in the ratio of 1:1 in an area of 4 square microns (one of the denser areas in the field of vision) there are about 64 particles, of these there are 8 with dimensions less than 100 angstroms, 30 particles with dimensions of 100 to 200 angstroms, 15 particles with dimensions of 200 to 500 angstroms, 8 particles with dimensions of approximately 1000 angstroms, and 3 particles with dimensions of 2000-5000 angstroms.

[1]See August and September "ASBESTOS" for photographs.

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PIONEERS IN ASBESTOS

...for every purpose



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K&M best in asbestos

KEASBEY & MATTISON
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Thus the most frequently encountered particle size in the field of view is 100 to 200 angstroms.

As may be seen in Fig. 10, for the copper-chrome catalyst deposited in the ratio of 30%, the grains are on the average larger than in the case of zinc ferrite.

In Fig. 13 is shown an electron photomicrograph of copper ferrite (prepared from copper ferricyanide) consisting of considerably larger grains of the order of 0.5-1 micron; almost no grains of smaller sizes were observed. On the other hand individual grains are characterized by very strongly indented sharp edges, in many cases indicating the proper crystalline structure of the particles entering into the composition of the grains, and their dispersion of the order of 10^{-6} cm.

In Fig. 15 (30% platinized asbestos) is shown a very rare example of filaments completely covered by a shell of crystals. Curiously enough the neighboring (very thin) filaments are almost completely not covered.

To illustrate the data presented we give in Fig. 16 a curve showing the distribution of particles of zinc ferrite by size taken from a region that is comparatively rich in particles. (Curve I).

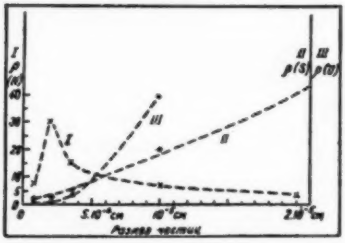


Fig 16

Curves of Distribution of particles of zinc ferrite. I by sizes; II by total surface; III by total volume of particles of various sizes.

The number of measured particles is far from sufficient to give an accurate distribution curve but nevertheless serves to give some notion on the statistics of the particle sizes. Curves II and III of the same diagram correspondingly show the values of the total surface and the total volume for particles of different sizes.

Juxtaposition of the Curves I, II and III in Fig. 16

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- Insulating Tape
- Rapid Asphalt Paint

The Product Roll Call That Makes

RUBEROID

"A name to remember"

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shows that the most numerous group of particles comprises only an insignificant part of the total mass and the total surface of the catalyst.

Nevertheless, this group of particles may play a significant role in the catalytic process.

Measurement of the surface by the absorption method with subsequent comparison of this quantity with the mean value of the size of a crystal by x-rays, may serve to determine the mean value for the number of fine crystals in the grain. But by none of the existing methods of investigations is it possible to obtain directly a distribution of grains and crystallites according to particle sizes.

This is a problem which in the present state of scientific investigation can be solved only by electron microscopy.

Conclusions.

1. The method of electron microscopy has been applied to the investigation of the structure of catalysts on carriers and in particular to the oxide and metallic contacts deposited on asbestos.

2. The effect of heating upon the structures of chrysotile and anthophyllite asbestos has been investigated and photographs have been made of the decomposition of the fibre of these two mineralogic varieties of asbestos occuring at various temperatures. For both varieties of asbestos we have shown the presence in the structure of the fibre, of fine filaments having a thickness of the order of several tens of angstrom units which is of the order of the diameter of an elementary cell.

3. It has been shown in the case of a number of specimens that the particles of catalyst cling to the asbestos in the form of sharply defined grains and are distributed rather sparsely along the asbestos fibre.

4. Almost all samples investigated have been found to be polydispersed and comprise at the same time isolated crystals, clusters, and more complicated forms of aggregation that are quite heterogeneous with respect to magnitude and form of crystal. In a number of samples even with magnifications up to 100,000 it was impossible to

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observe any crystalline projections.

In this manner, for this range of dimensions (10^{-5} to 5×10^{-7} cm) we find forms of aggregation that are typical of larger dimensions. This circumstance indicates that the laws of crystallization as well as the laws of aggregation of small crystals into larger forms do not undergo any significant change right down to crystal dimensions of the order of 10 to 20 atomic diameters along the edge.

References: 1. Ardenne, Electronenubermikroskopie (1940) Z. ang. Chem. 53, 163, 1940; Zworykin. Electronics, 16, 190 (1943)
2. Zworykin, Ind. Eng. Chem. 35, 450 (1943)
3. V. V. Arshinov, Non-metallic Ores, U. S. S. R., 1, 328 (1936)
B. Y. Merenkov, Non-metallic Ores, U. S. S. R., 1, 387 (1936)

BRIEFS

¶ American Airlines have recently instituted a service to banks and bond houses which will deliver bonds to other cities by air. The securities will be safeguarded and packed in asbestos and fiberglas bags.

¶ Canadian Johns-Manville at Asbestos, Quebec, has started underground mining. Previously the quarrying method was used at this mine.

¶ The widely popular pressure cookers use Asbestos Gaskets in their construction.

WANTED

Asbestos Surplus Twisted Rope Wanted—sizes 5/8" and 1 1/4". Advise quantities and prices. Box No. 10E-B, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila., 20, Pa.

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THERMOFLEX INSULATION BLANKET

To withstand the intense heat encountered in the engine cones turbine casings and tail pipes of jet-propelled aircraft, Johns-Manville Research Engineers have recently developed a new type, asbestos filled insulating blanket, which has been named "Thermoflex."

This high temperature insulating blanket withstands starting temperatures on the inside face as high as 2000°F. It thus improves the thermal efficiency of the jet-engine, but, more important, protects adjacent structural members of the aircraft from these destructive temperatures by maintaining temperatures below 200°-F.



Thermoflex being applied

The construction of the Thermoflex Insulation Blanket is basically a special asbestos fibre mat shielded with a metallic membrane and enclosed in wire mesh. It is very flexible and can be easily and quickly applied; can be securely laced around the engine cone in a few minutes. Cutouts are provided in the blanket to accommodate engine supports, thermocouples and other engine controls where needed. The Blanket is also light in weight with very little bulk.

Altho this blanket is especially designed for jet propelled aircraft, modifications are adaptable for use on high temperature steam turbines, diesel engine exhausts and other high temperature equipment.

• • • —

There is no failure except by ceasing to try—Gore.

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AMOSITE ASBESTOS

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PIPE INSULATION THICKNESSES
Change in Method of Determining

New means for the determination of the optimum thickness of thermal insulation for pipe, taking into consideration today's higher costs of fuel, labor and other variants, are described by Utley W. Smith, Manager of The Magnesia Insulation Manufacturers Association, in the October 1947 issue of the American Society of Heating and Ventilating Engineers Journal Section of Heating, Piping and Air Conditioning.

In the past, the practice has been to consult tables of insulation thicknesses based on pipe size and temperature range alone. Because of changes in costs and because the tables did not allow for variation of hours of operation, rate of amortization, and cost of heat, the thicknesses recommended by these tables are not the most economical for currently prevailing conditions, according to the article.

The new method takes into consideration the variants formerly disregarded. Tables which have been prepared to encompass the various factors are given. While the tables and calculations in the paper are made in connection with 85% Magnesia insulation, the same formulae can be used for the determination of the economical thicknesses of other insulation materials.

Reprints of the paper, entitled "A Rapid Method of Determining the Economical Thicknesses of Pipe Insulation" are available from the Magnesia Insulation Manufacturers Association, 1317 F Street, N. W., Washington 4, D. C. Single copies will be sent on request.

. . . —

We can't help the past. But we don't have to repeat it.

ITALIAN ASBESTOS
Long Carded Fibres — Spot and for Shipment from Italy
ROBERT P. GOEDERT
145 Hudson Street, New York 13, N. Y.

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MARKET CONDITIONS

GENERAL BUSINESS

Our ideas of general business are in a rather chaotic condition. It is very difficult to put together the many opinions found in newspapers, magazines, etc., and arrive at any common denominator.

Of course a few factors stand out prominently;—the inflationary spiral which, despite fond hopes, appears to keep on rising; the demand for all kinds of goods, especially durable goods such as refrigerators and automobiles; the continuing drastic need for housing and the impossibly high prices for very low quality buildings; and the apparently quite prevalent idea of foreign nations that the United States can supply everything they need, plus many things they desire, without limit.

At the present time there are comparatively few strikes and unemployment figures are low. The export market is much decreased because of the inability of other countries to pay us in dollars. However this last mentioned situation may help the domestic trade as in many cases the slack in exports can be easily taken up by domestic purchases and demands.

This is just a listing of the high spots; we have not tried to discuss the situation in detail.

ASBESTOS - RAW MATERIAL

The supply of Asbestos Fibres continues tight—not nearly enough to go around. This applies to all grades, but possibly more to the shingle grades than the higher spinning grades.

In the face of demands from abroad, it doesn't look as tho the situation would ease any for the next six months, if then, and very likely asbestos fibres will remain short thru 1948.

Canadian producers are allocating their production as equitably as possible.

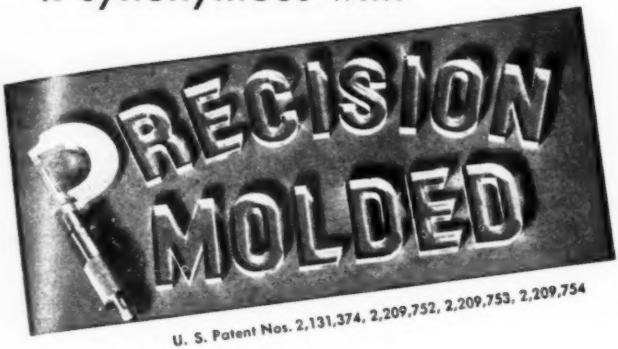
ASBESTOS - MANUFACTURED GOODS

Asbestos Textiles. Production is still inadequate to

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LIGHT DENSITY TYPE HEAT INSULATION

is synonymous with



U. S. Patent Nos. 2,131,374, 2,209,752, 2,209,753, 2,209,754

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PLANT ENGINEERING SERVICE UNITS IN PRINCIPAL CITIES

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fully satisfy the demand for all types of asbestos textiles. Now that the vacation period is over the labor shortage has been somewhat relieved, but the supply of spinning grades of fibre is still too low to bring production up to the required level. Prices hold firm.

Brake Lining. According to reports received to date, August sales of brake linings and clutch facings will not only be higher than the volume recorded for last August but will also exceed that for July of this year. Sales for domestic consumption alone will also exceed the returns for July 1947 and for August 1946.

When the figures accumulated to date for export sales during August are compared with those for July, they show a decrease but August 1947 was considerably higher than August 1946.

Asbestos Paper. Production still restricted due to asbestos fibre shortage, with demand continued strong. Prices firm.

Asbestos Millboard. This market is strong both equipment accounts and wholesalers. Business should remain active for the balance of the year. Prices firm. One manufacturer tells us they are quoting one week delivery.

Insulation. High Pressure. Increase in demand is reported in this market, with greater backlog of business showing. Naturally production is not at the high level of the war period, but business appears to have sufficient impetus to remain active for the balance of year with deliveries eight to ten weeks. Prices are firm.

Insulation. Low Pressure. In this division of the Industry, the report is that jobbers are slow in starting to order for fall business undoubtedly due to uncertainty of consumer purchases. Contract work is active. Business, however, appears to be less than anticipated and more orders could be handled promptly by the various factories. Prices continue firm.

Asbestos-Cement Products. The industry is continuing to produce all asbestos-cement products, particularly shingles, at an unprecedented rate, limited only by the

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HAIR FELT

FOR

Low Temperature Insulation

Newark Hair Felt Co.

1000 Maple Avenue

Lansdale, Penna.

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Victor expands for your convenience



Our newly added building *at 3636 Iron Street, Chicago, gives us 4¼ acres of floor space and finest shipping facilities for fast order filling. It will also free the main Victor plant for more production.*

Manufacturers of **SEALING PRODUCTS** *Exclusively*

VICTOR GASKETS AND OIL SEALS

The greatest name in the gasket industry.

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ditional building will mean fast deliveries all gasket and oil seal orders

O more delays or job tie-ups . . . no snarled schedules because of gasket deliveries! For Victor will orders with a speed enabling our tomers to keep their work rolling— t on time!

How can we do it? Look at that lding we recently acquired. Five ries . . . 200,000 square feet. Rail- tracks on two sides, six truck forms. And all of it for storing, enbling, packing, and shipping—for swift and accurate handling of every one of our 90,000 items—to meet users' needs.

We're proud to be the country's largest producer of gaskets, oil seals, and packings. We're all pledged to uphold this position—to offer a better product, and *to get it out faster!*

And so, in our newly added building, we'll strive to fill as many orders as possible the day they come in . . . for every Victor customer's convenience.

The entire **Victor plant** *at 5750 W. Roosevelt Road, Chicago, nearly 11 acres of floor space, will now be used for manufacturing. Victor's already unmatched production facilities will be even greater.*



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amount of asbestos fibre available for the purpose. The demand, however, still far exceeds the supply and barring unforeseen economic developments outside of the industry this situation will no doubt continue for many months to come.

Demand for Asbestos Pipes is holding at levels much higher than production.

The above comments come to us from various executives in close touch with the market. We welcome comments from any and all readers.

BUILDING CONTRACTS SHOW SHARP AUGUST GAINS

Sharp gains in contracts awarded last month for construction in the thirty-seven states east of the Rocky Mountains has been reported by F. W. Dodge Corporation.

The August total of $823,216,000 was greater than the total for July or for June, thereby establishing a uniquely heavy contraseasonal upward trend.

Nonresidential building showed a gain of 15 per cent over July and 37 per cent over August 1946. Residential volume was up 28 per cent over July and 9 per cent over August of last year, while public works and utilities contracts showed gains of 35 per cent over July and 21 per cent over August of 1946.

AUTOMOBILE SALES[1]

	Aug. 1947	Jan. to Aug. 1947
Passenger Cars	261,158	2,262,180
Motor Trucks	86,509	802,641
Motor Coaches	1,757	12,691
	349,424	3,077,512

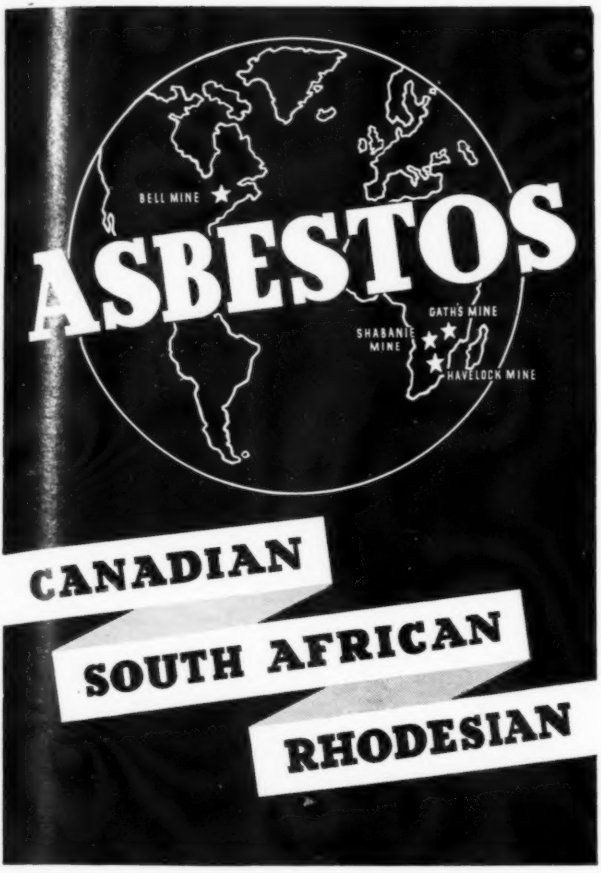
In July total sales were 379,251 (Revised)

Total Sales in August 1946 were 346,209; for the first 8 months of 1946 they totalled 3,077,512.

These figures cover the United States only.

[1] Figures supplied by Automobile Manufacturers Association, New Center Building, Detroit, Mich.

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RAW ASBESTOS DISTRIBUTORS

LIMITED

SPOTLAND · ROCHDALE · LANCS ENGLAND

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Imports into U. S. A.
(Figures by Bureau of Census)

Unmanufactured Asbestos — By Countries	June 1947 Tons (2240 lbs.)
From Canada	42,343
S. Rhodesia	786
Union of South Africa	2,093
U. S. S. R.	488
	45,710
Value	*$2,562,175*
By Grades:	
Crude No. 1 (Chrys) Canada	7
Crude No. 1 (Chrys) S. Rhodesia	185
Crude No. 2 (Chrys) Canada	46
Crude No. 2 (Chrys) S. Rhodesia	412
Crude—Other (Chrys) S. Rhodesia	189
Crude (Blue) U. of S. Africa	707
Crude (Amosite) U. of S. Africa	1,386
Crude (Amosite) U. S. S. R.	488[1]
Textile Fibres (Chrys) Canada	1,081
Shingle Fibres (Chrys) Canada	5,554
Paper Fibres (Chrys) Canada	5,168
Shorter Grades (Chrys) Canada	30,487
	45,710

1 We believe this to be an error; have questioned.

Manufactured Asbestos Goods	June 1947 Quantity (Lbs.)	Value
Asbestos Yarns		
United Kingdom	18,104	$13,669
Asbestos Packing (Fabric)		
United Kingdom	2,938	2,617
Asbestos Packing (Not Fabric)		
United Kingdom	9,392	6,085
Asbestos Brake Lining—Molded		
Various Countries	601	443
Asbestos Woven Fabrics, Other		
United Kingdom	2,484	1,882
Asbestos-Cement—Impregnated		
Various Countries	68	2
Asbestos-Cement—Not Impregnated		
Canada	87,918	4,234
Other Asbestos Manufactures		
Other Countries	....	4
	121,505	$28,936

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JOHNSON'S COMPANY LTD.

ESTABLISHED IN 1875

Head Office

Thetford Mines, P. Q., Canada

Mines

Thetford Mines, Quebec
Black Lake, Quebec

Producers of All Grades of

RAW ASBESTOS

REPRESENTATIVES

GREAT BRITAIN .....A. A. BRAZIER & CO.
"Avenue Lodge"
65a Bounds Green Road,
LONDON, N. 22, England.

CHICAGO 4, ILL. .....GRANT WILSON, INC.
141 West Jackson Boulevard

NEW YORK, N. Y. .....CONNELL ASBESTOS MFG. CO.
Bldg. 1, Atlas Terminal
Glendale 27, L. I.

SAN FRANCISCO, CALIF. .....LIPPINCOTT CO., INC.
461 Market Street

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Imports into U. S. A. (Contd.)

(Figures by Bureau of Census)

Unmanufactured Asbestos—By Countries

	July 1947 Tons (2240 lbs.)
From Canada	38,420
S. Rhodesia	649
Union of South Africa	1,428
Italy	1
Total	40,498
Valued at	*$2,292,358*

By Grades:

Crude No. 1 (Chrys) Canada	4
Crude No. 1 (Chrys) S. Rhodesia	112
Crude No. 2 (Chrys) Canada	10
Crude No. 2 (Chrys) S. Rhodesia	268
Crude—Other (Chrys) S. Rhodesia	269
Crude—(Blue) U. of South Africa	709
Crude—(Amosite) U. of South Africa	728
Textile Fibres (Chrys) Canada	1,272
Textile Fibres—Italy	1
Shingle Fibres (Chrys) Canada	6,149
Paper Fibres (Chrys) Canada	3,911
Fibres—Other (Chrys) Canada	27,074
	40,498

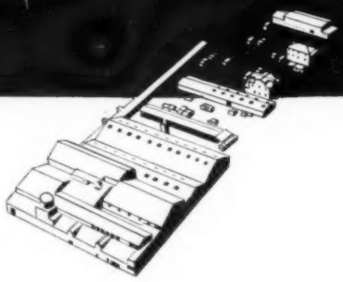
Manufactured Asbestos Goods

	July 1947 Quantity (Lbs.)	Value
Asbestos Yarn		
United Kingdom	9,101	$ 6,868
Asbestos Packing—Fabric		
United Kingdom	186	159
Asbestos Packing—Not Fabric		
United Kingdom	9,286	6,016
Asbestos Woven Fabrics (Other)		
Canada	600	64
United Kingdom	3,730	2,433
Asbestos-Cement—Not Impregnated		
Canada	165	7
Ashestos-Cement—Impregnated		
Canada	67	2
Asbestos Manufactures—Other		
Canada	9	4
	23,144	$15,558

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ASBESTONE
CORPORATION

Manufacturers
Asbestos-Cement
Building Products



FACTORY AND SALES OFFICE
5372 TCHOUPITOULAS ST., NEW ORLEANS, LA.

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Exports from U. S. A.
(Figures by Bureau of Census)

Unmanufactured Asbestos

	June 1947 Tons (2240 lbs.)	Value
To Brazil	31	$11,375
Venezuela	45	9,000
Mexico	5	803
Cuba	5	613
Other Countries	....	601
	86	$22,392

Manufactured Asbestos Goods

		June 1947 Quantity	Value
Asbestos Paper, Mlbd. & Rlbd.	Lbs.	595,355	41,835
Asbestos Pipe Covg. & Cement	Lbs.	587,177	36,288
Asbestos Textiles & Yarn	Lbs.	32,777	30,488
Asbestos Packing	Lbs.	300,481	203,609
Asbestos Brake Lng. (Mld.&S-Mld.)	Lbs.	297,417	247,514
Asbestos Brake Lng. (Woven)	L. Ft.	85,334	45,552
Asbestos Clutch Fcgs. (Mld.&S-Mild)	No.	107,880	55,577
Asbestos Clutch Fcgs. (Woven)	No.	52,562	24,172
Asbestos Brake Blks. (Mld.&S-Mld.)	Lbs.	40,694	32,242
Asbestos Brake Blks. (Woven)	Lbs.	5,794	4,667
Asbestos Sheets	Lbs.	1,459,090	74,394
Asbestos Roofing	Sqs.	15,616	106,886
Other Asbestos Manufactures	Lbs.	....	119,620
			$1,022,844

Unmanufactured Asbestos

	July 1947 Tons (2240 lbs.)	Value
To Peru	5	$ 520
Mexico	9	1,427
Canada	....	585
United Kingdom	19	3,543
To Peru	33	$6,075

Manufactured Asbestos Goods:

		July 1947	
Asbestos Paper, Mlbd. & Rlbd.	Lbs.	176,128	$ 30,451
Asbestos Pipe Covg. & Cement	Lbs.	472,146	46,335
Asbestos Textiles & Yarn	Lbs.	38,269	27,356
Asbestos Packing	Lbs.	317,530	199,524
Asbestos Brake Lng. (Mld.&Mld.)	Lbs.	247,491	220,343
Asbestos Brake Lng. (Woven)	L. Ft.	76,601	50,984
Asbestos Clutch Fcgs. (Mld.&S-Mld.)	No.	148,378	67,692
Asbestos Clutch Fcgs. (Woven)	No.	30,638	18,409
Asbestos Brake Blks. (Mld.&S-Mld.)	Lbs.	51,114	45,928

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Announcing

A NEW ASBESTOS PREPARATION PLANT

Inquiries Invited from All Countries

•

ARIZONA
(Iron Free)
AMOSITE
BLUE
(South African)
(Bolivian)
CANADIAN
CYPRUS
RHODESIAN
RUSSIAN

We have installed the most modern Asbestos Preparation Plant in America. We are in position to supply any of above asbestos fibres suited to your particular use.

•

High strength obtained using our Blue Asbestos in Asbestos cement pipes and corrugated sheets.

•

ASBESTOS INTERNATIONAL CORPORATION

H. S. STEVENSON, *President*
451 Communipaw Ave. Jersey City, N. J.

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Exports of Manufactured Asbestos Goods—Contd.

		July 1947	
Asbestos Brake Blks. (Woven)	Lbs.	3,185	$ 3,002
Asbestos Sheets	Lbs.	905,391	47,806
Asbestos Roofing	Sqs.	20,293	73,955
Other Asbestos Manufactures	Lbs.	....	124,216
			$256,001



Canada
(Department of Mines, Province of Quebec)
July 1947 ..... 53,434 tons (2000 lbs.)
July 1946 ..... 45,405 tons (2000 lbs.)

Africa (Rhodesia)
(Rhodesia Chamber of Mines)
Production for
June 1947 .....4,777.53 tons (2000 lbs.) valued at £149,363

Africa (Swaziland)
Production—June 1947 ..... 2,500 tons (2000 lbs.)
July 1947 ..... 2,400 tons (2000 lbs.)

• • • —

Experience teaches slowly, and at the cost of mistakes.
—Froude.

RUBBER-CEMENT

For Asbestos Packings
RUBBER & ASBESTOS CORP.
25 CORNELISON AVENUE
JERSEY CITY 4, N. J.

ARIZONA ASBESTOS
Iron Free White Arizona Asbestos for Filtration.
We carry a complete Stock of all grades of Prepared Arizona Asbestos in our Eastern warehouse for Immediate Delivery.
Processors of Specialized Asbestos Fibre.
ASBESTOS PROCESSING COMPANY
545 5th AVENUE, NEW YORK, N. Y.
Suite 906 Murray 7-6865

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"Billy Penn" ALUMINUM
ROOFERS' SHAPES



Perfect ROOFING JOBS Assured!

MANUFACTURED BY

PENN Supply and Metal Corporation
1825-1829 NORTH FIFTH STREET PHILADELPHIA 22 PA.

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NEWS OF THE INDUSTRY

BIRTHDAYS

A. K. Burgstresser, Vice President, Norristown Magnesia & Asbestos Co., Norristown, Pa., October 26. (Retired October 1st)

L. R. Hoff, Consultant, Johns-Manville Corporation, New York City, October 27.

A. L. Wade, President, Asbestos Insulations, Reg'd., Montreal, P. Q., Canada, October 28.

George L. Abbott, President & General Manager, Garlock Packing Co., Palmyra, N. Y., October 31.

F. E. Byrnes, Assistant to Vice President, The Ruberoid Co., New York City, October 31.

V. A. Spina, Treasurer, Scandinavia Belting Co., Newark, N. J., November 1.

Ernest S. Sprinkmann, President, Sprinkmann Sons Corp., Milwaukee, Wisc., November 3.

William P. Barry, General Manager, Smith & Kanzler Corp., Linden, N. J., November 5.

Charles W. Hanslip, Owner, Standco Brake Lining Co., Houston, Texas, November 8.

G. M. Righter, Export Manager, Raybestos-Manhattan, Inc., New York City, November 10.

A. J. Stream, Vice President, Plant Rubber & Asbestos Works, San Francisco, Calif., November 14.

Congratulations and best wishes are extended to all these gentlemen on the occasion of their birthdays.

. . . —

PABCO DIRECTORS AND OFFICERS RE-ELECTED

At the annual meeting of stockholders of The Paraffine Companies, Inc., (of which firm Plant Rubber & Asbestos Works is a Division) held on Tuesday, September 23, all directors were re-elected, and Joseph A. Moore, Jr., President of the Moore Dry Dock Co. was added to the board, assuming the vacancy created earlier by resignation of Bruce F. Brown.

The principal officers of the company at present are:

R. S. Shainwald, Chairman of the Board
W. H. Lowe, President
R. H. Shainwald, Executive Vice President
C. C. Gibson, Vice President & Treasurer
J. E. Holbrook, Vice President—Sales
F. M. Tussing, Vice President—Manufacture
R. R. Marsh, Vice President—Overseas Trade
A. W. Brown, Secretary

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• BLUE ASBESTOS

The Cape Asbestos Company, Ltd., is the world's largest supplier of acid-resistant blue crocidolite asbestos, and the only manufacturer operating its own mines. Inquiries solicited on:

MILLBOARD **YARNS**
ROVINGS **POWDER** **CLOTHS**
PROCESSED FIBRES
Unexcelled for use in
ASBESTOS CEMENT PIPES

• AMOSITE ASBESTOS

This fibre owing to its great length and bulk is unrivalled for use as an insulating medium in:

Asbestos mattress filler
85% Magnesia insulation

The CAPE ASBESTOS CO. Limited

Morley House, 28-30 Holborn Viaduct, London, E.C.1.
FACTORY, BARKING, ESSEX

United States Sales Agent:

ARNOLD W. KOEHLER

415 LEXINGTON AVE. **NEW YORK CITY**

TELEPHONE—VANDERBILT 6-1477

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A. K. BURGSTRESSER RETIRES

A. K. Burgstresser, Vice President and Sales Manager of Norristown Magnesia & Asbestos Company, retired on October 1st, after 44 years of service with that company.

Mr. Burgstresser is well known in the Asbestos Industry, and everyone likes "Abe", as he is affectionately called by his contemporaries and competitors.

He was born in Kulpsville, Pa.; graduated from Lansdale (Pa.) High School in 1897, and took his first position in the business world as freight agent of the Reading Railroad. In



A. K. Burgstresser
Retiring Vice President
of Norristown Magnesia
& Asbestos Co.

1903 he left the Railroad to become associated with the Norristown Covering Company, a predecessor of Norristown Magnesia & Asbestos Company, for the purpose of learning the business. In 1907 he was made Superintendent and we dare say there is no nook or cranny of the Norristown factory, nor any of its processes of manufacture with which he is not thoroly acquainted.

Mr. Burgstresser has always been a booster for "ASBESTOS" and the Asbestos Industry, and we feel sure he isn't going to forget his many friends in the Industry even tho he is no longer active in its affairs.

SMITH & KANZLER EXPANSION PROGRAM

In connection with their expansion program, the Smith & Kanzler Co. have appointed Dr. Morris Lieff as Technical Director. Dr. Lieff's duties will comprise primarily the direction of this program which will embrace the field of building products, with particular emphasis upon wallboard. He was formerly associated with the Elmendorf Corporation, Chicago, Ill., in the capacity of Director of Research.

CAREY DECLARES DIVIDEND

The Board of Directors of the Philip Carey Manufacturing Company at a meeting on August 26, 1947 declared the usual dividends of $1.25 per share on the 5% Preferred stock and 25c per share on the $10. par Common stock, both payable September 30, 1947 to holders of record at the close of business September 16, 1947.

• • • —

Nothing can be done at once hastily and prudently.

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PINEIHPS ASBESTOS MILLS

Producers of

The World's Finest Fibre

CRUDES

and

Fiberized Asbestos

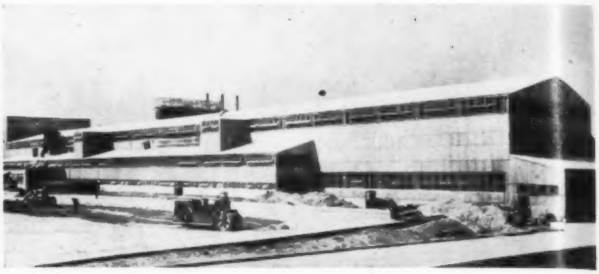


DRAWER 71 **GLOBE, ARIZONA**

Mines and Mills in Gila Co., Arizona

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CAREY'S NEW PLANT READY



The new asbestos-cement plant of The Philip Carey Mfg. Company is nearing completion. It is situated at Cincinnati, Ohio, and has some units already in production.

GOW APPOINTED PACKING SALES MANAGER OF R-M

David E. Gow has been appointed Packing Sales Manager of Raybestos-Manhattan, Inc., his headquarters being at Manheim, Pa.

Mr. Gow has been with Raybestos-Manhattan a number of years, was formerly Branch Manager of the Cleveland office of Asbestos Textile & Packing Division of the Corporation. He succeeds Jack E. Cole, who has been transferred to Chicago as Chicago Branch Manager of the Equipment Sales Division.

GENERAL INSULATION COMPANY
Moves to New Location

General Insulation Co. of Cambridge, Mass., are now located in their new and larger quarters at 330 Binney Street. They were formerly at 194 Albany Street.

Their telephone number is the same as formerly—Kirkland 7400.

K. & M. NEW ORLEANS PLANT
Now In Operation

The New Orleans, Louisiana, manufacturing plant acquired by Keasbey & Mattison Company last year is now producing "Century" asbestos-cement building products to serve the southern and midwestern markets. The additional capacity provided by this plant is assisting in supplying the building industry with much needed materials.

SILVERMAN RETURNS

Lewis J. Silverman has rejoined the Union Asbestos & Rubber Company as vice president and general counsel.

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J.M. RECENT APPOINTMENTS

George A. Petters has been appointed Assistant District Manager, Atlanta Building Products District of Johns-Manville Sales Corporation. Mr. Petters was formerly Assistant to the Merchandise Manager of the company's Building Products Division in New York. In his new position he succeeds J. W. Hamilton, recently made District Manager of the Atlantic Building Products Division.

Mr. Petters is a graduate of Armour Institute of Technology with a B. S. Degree in Civil Engineering. Prior to joining the company in 1939, he had a diversified career which included research, engineering and sales experience in the construction field. With Johns-Manville he has been active in the sales and merchandising of building products. He is Treasurer and a Director of the National Mineral Wool Association and Chairman of the standing committee on Simplified Practice for Structural Insulating Board of U. S. Department of Commerce.

William L. Rowe has been promoted to succeed Mr. Petters as Assistant to the Merchandising Manager of the Johns-Manville Building Products Division in New York.

Mr. Rowe studied chemical engineering at the Massachusetts Institute of Technology and is a member of the Engineers Club of New York City, and the Essex Yacht Club of Essex, Conn. He began his career with Johns-Manville in 1925 and has devoted his time to development and merchandising of dealer building products. He has also been interested in the simplification of styles of asphalt roofing and worked on the Simplification Committee of the Asphalt Roofing Industry Bureau during 1940 and 1941. He was also first Chairman of the Engineering Committee of the Asphalt Roofing Industry Bureau from 1945 to 1947 and was at one time a member of the Sales Engineering Committee of the Asbestos Cement Products Association.

HAROLD W. DONNELLY
Made Sales Manager of Norristown

Harold W. Donnelly, on October 1st was made Sales Manager of the Norristown Magnesia & Asbestos Company, succeeding A. K. Burgstresser, who retired on that date.

Mr. Donnelly was formerly Assistant Sales Manager, and has been connected with the Company since 1928.

"ANALYTICAL METHOD FOR CALCIUM IN ASBESTOS"

An article under the above title was published by "Wines & Vines", 85 Second St., San Francisco, Calif., in August. This will probably be of interest to those furnishing asbestos for filtration purposes, or to those engaged in the making of asbestos filtration pads. A photostatic copy of the article, which is very brief and compact, will be furnished by "ASBESTOS" at a price of 50c.

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UNION ASBESTOS & RUBBER CO.
Report for first half.

The Union Asbestos & Rubber Co. reports increases of 57% in sales and 139% in new earnings for the first six months of this year. Net income was $447,303, equal to 90c a share on the 495,376 shares outstanding, compared with $187,044. for the first half of 1946, which amounted to 39c a share on the 475,376 shares then outstanding.

Sales for the six months ended June 30, 1947, were $4,055,763. as against $2,584,963. for the comparable 1946 period.

Second quarter earnings were $224,564. as compared with $22,739. for the first three months of 1947 and $91,844. for the second quarter of 1946.

J. H. Watters, president, said that second quarter operations were adversely affected by the shortage of sheet steel and by a strike which resulted in the loss of about one month's production at the company's Cicero, Ill., plant.

RUSTLESS COUPLING FOR ASBESTOS-CEMENT PIPE

An article under the above title was published by Petroleum Engineer in its August 1947 issue. The author was Frederick Squires, Petroleum Engineer, Illinois State Geological Survey.

MANHATTAN RUBBER EMPLOYEES GIVEN TUBERCULOSIS X-RAYS

Three thousand and seventy employees of Manhattan Rubber Division, Raybestos-Manhattan, Inc., at Passaic, N. J., took advantage of the opportunity recently afforded them of obtaining tuberculosis chest X-rays. Under the sponsorship of the Passaic County Tuberculosis and Health Association, a portable X-ray unit was set up in the Personnel Department of the Manhattan plant for one week with two technicians in attendance. All pictures in the survey were taken on a voluntary basis and results will be confidential between employees and their physicians.

N. S. T. A. SUPPLIED WITH ASBESTOS TEXTILE PRIMER

The Asbestos Textile Institute has arranged to furnish several thousand copies of its Primer on Asbestos Textiles, to the National Science Teachers Association for distribution to and use in Science courses in high schools thruout the country.

WANTED

Experienced estimator able to make complete take-off from prints on industrial and utility plant layouts. Advise experience, when available, also salary desired. Location, midwest. By an old established firm with young and progressive ideas. Our present personnel is aware of this ad. Write Box No. 108-M, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila. 30, Pa.

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INDUSTRIAL SERVICE COMPANY

Builders of

ASBESTOS CEMENT MACHINERY

Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.

Your Inquiries Are Invited

131 Paterson Avenue — E. Rutherford, N. J.

ASBESTON*

Light-weight · High-strength · Low-gauge
Asbestos Fabrics — Asbestos Tape

Textile Division

UNITED STATES RUBBER COMPANY

1230 AVENUE OF THE AMERICAS, NEW YORK 20, N. Y.

*Reg. U. S. Pat. Off.



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PABCO RESEARCH CENTER OPENED

On October 2nd the expansion of The Paraffine Companies, Inc., Research Center at Emeryville, Calif., was visited by more than a thousand guests, mostly from the San Francisco Bay Area, who had been especially invited because of their interest in the expanded and modernized laboratory. They consisted of customers, Bay Area financial leaders, civic and labor officials, university heads and representatives of the local and national press.

All research for the firm has been centralized at the main huge 2,000 man plant at Emeryville. Dr. A. M. Erskine is Director of Research Division; Dr. Ludwig Rosenstein is retained as Scientific Consultant and Advisor.

PATENTS

This information obtained from the Official Patent Gazette, published weekly by the U. S. Patent Office, Washington, D. C.

Copies of patents can be obtained by sending 25c (in coin) to The Commissioner of Patents, Washington, D. C., giving the pat-

Magnesia Insulation. No. 2,423,839. Granted on July 15, 1947, to Alan R. McGarvey, Manheim Township, Lancaster Co., and Conrad C. Cullis, Lancaster Township, Lancaster Co., Pa., assignors to Armstrong Cork Co., Lancaster. Application May 1, 1942. Serial No. 441,381.

Method of making molded basic magnesium carbonate compositions by carbonating a slurry of a magnesium compound selected from the group consisting of magnesium oxide and magnesium hydroxide, the initial concentration of the slurry being such that there are from about 9 to about 14 parts by weight of water for each part of said magnesium compound based on its MgO content, to form a slurry, of self-setting normal magnesium carbonate crystals, the step of introducing into the slurry a water-soluble soap and a compound capable of reacting in situ with said water-soluble soap to form a water-repellent material, said water-soluble soap and said compound being in such proportions that their reaction product is present in the slurry in an amount equal to about 5% to 30% by weight based on the weight of the MgO content of the slurry whereby setting of the crystalline slurry formed by carbonation is accelerated.

Magnesia Insulation. No. 2,423,840. Granted on July 15, 1947 to Alan R. McGarvey, Manheim Township, Lancaster Co., and Conrad C. Cullis, Lancaster Township, Lancaster Co., Pa., assignors to Armstrong Cork Co., Lancaster. Application May 1, 1942. Serial No. 441,381. Divided and this application August 14, 1946. Serial No. 690,607.

In the method of making molded basic magnesium carbonate compositions by carbonating a slurry of magnesium compound selected from the group consisting of magnesium oxide and magnesium hydroxide, the initial concentration of the slurry being such that there are from about 9 to about 14 parts

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by weight of water for each part of said magnesium compound, based on its MgO content, to form a slurry of self-setting normal magnesium carbonate crystals, the step of introducing into the slurry a water-repellent material selected from the group consisting of asphalt and wax, said water-repellent material being present in the slurry in an amount equal to about 5% to 30% by weight based on the MgO content of the slurry whereby setting of the crystalline slurry formed by carbonation is accelerated.

Magnesia Insulation. No. 2,423,841. Granted on July 15, 1947, to Allen R. McGarvey, Manheim Township, Lancaster Co., and Conrad C. Cullis, Lancaster Township, Lancaster Co., Pa., assignors to Armstrong Cork Co., Lancaster. Application August 14, 1946. Serial No. 690,606.

In the method of making molded basic magnesium carbonate compositions by carbonating a slurry of a magnesium compound selected from the group consisting of magnesium oxide and magnesium hydroxide, the initial concentration of the slurry being such that there are from about 9 to about 14 parts by weight of water for each part of said magnesium compound based on its MgO content, to form a slurry of self-setting normal magnesium carbonate crystals, the step of introducing into the slurry a water-repellent material comprising stearic acid, said water-repellent material being present in the slurry in an amount equal to about 5% to 50% of weight based on the MgO content of the slurry whereby the setting of the crystalline slurry formed by carbonation is accelerated.

Woven Fabric. No. 2,423,910. Granted on July 15, 1947 to Howard Snow, and Eugene A. Gulledge, Charlotte, N. C., assignors to Southern Friction Materials Co. Application April 26, 1944, Serial No. 532,850. Description upon request. (May or may not be asbestos)

Compositions for Built-Up Roofing. No. 2,424,234. Granted on July 22, 1947, to Harold W. Greider, Wilmington, and George Arthur Fasold, Mount Healthy, Ohio. Assignors to the Philip Carey Mfg. Co., Application August 7, 1943. Serial No. 497,805. Description upon request.

Device and Method for Securing Corrugated Sheets. No. 2,424,410. Granted on July 22, 1947, to William S. Miles, Hastings-on-Hudson, N. Y., Assignor to Johns-Manville Corporation, New York. Application October 31, 1944. Serial No. 561,261.

A clip for fastening a corrugated covering sheet to a flanged support comprising a member including a curved body section with its edges adapted to rest on the flange of the support and its curved portion to project into a corrugation of the covering sheet, and a hooked section adapted to extend around such flange and including upwardly directed prongs to engage beneath said flange, said prongs being adjustable to accommo-

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date flanges of different thicknesses, the member being formed of sheet metal of a character to be drilled for the reception of a self-tapping screw.

Packing. No. 2,424,567. Granted on July 29, 1947 to Ralph M. Hill, Lancaster Township, Lancaster Co., Pa. Assignor to Armstrong Cork Co., Lancaster, Pa. Application December 24, 1942. Serial No. 470,056. Description upon request. (May not be asbestos)

Impregnated Flexible Fabric. No. 2,424,861. Granted on July 29, 1947, to Howard Snow, Charlotte, N. C., assignor to Southern Friction Materials Company. Application December 2, 1942. Serial No. 467,620. Description upon request. (May or may not be asbestos).

BOOK LIST

Asbestos Mining Methods. By C. V. Smith. (Reprint) 16 pages. 25c per copy, discount in quantities of 50 or more.

Milling Asbestos. By J. C. Kelleher. (Reprint) 16 pages. Companion article to Asbestos Mining Methods. Both should be in every Asbestos Library, 25c per copy, discount in quantities of 50 or more.

Recovery of Raw Asbestos. By Roland Starkey. (Reprint) 6 pages. Supplement to Milling Asbestos. 25c per copy, discount in quantities of 50 or more.

The Asbestos Factbook, 16 pages. Information in compact form on origin, facts, locations, uses, analyses, qualities, 10c per copy.

Canadian Chrysotile Asbestos Classification. Including latest Quebec Testing Method. 30c.

Twelve Estimating Tables, with Chart. Convenient in figuring flange fittings and other areas. $1.00 per set.

Manual of Unit Prices (for figuring pipe covering and blocks) 35c per copy postpaid.

Processing Asbestos Fibres. 8 pages. (Reprint) 25c per copy

Tests for Cotton Content. 4 pages (Reprint) Describing several methods of testing asbestos textiles for cotton content. 10c per copy.

Chart—Dollars Cost of Uninsulated Pipe. (Reprint) 25c each

Asbestos: A Magic Mineral, by Lilian Holmes Strack. Written especially for school children but every Asbestos Library should have a copy. $1.00 per copy.

Asbestos—The Silk of the Mineral Kingdom, by Oliver Bowles. 40 pages about asbestos, from mine to finished product, in plain language, illustrated. 25c a copy.

Order any of the above from "ASBESTOS", 17th Fl., Inquirer Bldg., Philadelphia 30, Pa.

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AFTERTHOUGHTS

¶ The August 20, 1947 issue of Chemical Abstracts (published in Washington, D. C.) contains a number of items concerning asbestos. You will find them in columns 5235 and 5236 in case you are interested enough to refer to them. Your local library probably has a copy of Chemical Abstracts in its periodical department.

¶ Note the picture of Carey's new Asbestos-Cement plant. page 40). We plan to run a series of photographs showing new buildings, or additions to old buildings, in the Asbestos Industry. Will our readers please send us such photographs with proper descriptions as to size, planned uses, asbestos products made therein, etc. Another very interesting one will be published in November.

¶ We need a really good photograph for our cover when we change the cut in January. Do you have one you would suggest? If so send us a glossy print of it promptly.

¶ Readers will note that this issue contains two sets of import and export figures—June and July. These tabulations seem to be arriving a little earlier than formerly and we find we can publish them a month earlier—all to the good? The earlier statistics are received the more interesting and helpful they are!

¶ A recent caller (from a foreign country) told us that they "could not be without 'ASBESTOS' ". This set us up tremendously; we hope all our readers feel that way.

¶ Another series begun this month (see article on page 16—Thermoflex Insulation Blanket) concerns new products designed and produced during the war for war uses, the stories of which can now be told. Many of these are found to be equally useful in these post-war days. Send as many of these stories as you can, with photographs or sketches if possible. A little publicity of this kind helps both you and us.

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CURRENT RANGE OF PRICE

As of October 10, 1947

	Per Ton (2000 lbs.) f.o.b. Mine	
Canadian—		
Group No. 1 (Crude No. 1)		$800.00
Group No. 2 Crude No. 2; Crude Run-of-Mine and Sundry	$302.50 to	545.00
Group No. 3 (Spinning or Textile Fibre)	170.50 to	315.00
Group No. 4 (Shingle Fibre)	82.50 to	113.00
Group No. 5 (Paper Fibre)	58.00 to	65.00
Group No. 6 (Waste, Stucco or Plaster)		43.00
Group No. 7 (Refuse or Shorts)	19.50 to	37.50
Vermont—		
Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.		
Group No. 4 (Shingle Fibre)	$82.50 to	$91.50
Group No. 5 (Paper Fibre)	58.00 to	65.00
Group No. 6 (Waste, Stucco or Plaster)		43.00
Group No. 7 (Refuse or Shorts)	20.50 to	38.50

Note: Crude Run-of-Mine (Canadian) refers to a crude asbestos produced in certain mines where Crude Fibre is not graded into regular No. 1 and 2 Crude. Crude Sundry refers to certain odd lots of off material which do not conform to the regular standards of No. 1 Crude or No. 2 Crude.

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial and Financial Chronicle. No guarantee made as to their correctness).

		September 1947		
	Par	Low	High	Last
Armstrong Cork Co. (Com.)	np	45½	49	49
Armstrong Cork Co. (Pfd.)	np	105	108½	105
Asbestos Corp. (Com.)	np	26¼	28	26½
Asbestos Mfg. Co. (Com.)	1	2	2¼	2⅛
Celotex (Com.)	np	27	29½	29⅜
Celotex (Pfd.)	20	20⅛	20½	20⅜
Certainteed (Com.)	1	15⅞	17⅝	17½
Flintkote (Com.)	np	31⅞	36⅞	36¾
Flintkote (Pfd.)	np	107	108	107
Johns-Manville (Com.)	np	39¾	44	43⅛
Johns-Manville (Pfd.)	100	112	122	117½
Raybestos-Manhattan (Com.)	np	29¾	32	30
Ruberoid (Com.)	np	53½	61½	60½
Thermoid (Com.)	1	10	10⅞	10½
Thermoid (Pfd.)	50	49⅛	51½	49¼
Union Asb. & Rubber (Com.)	5	10⅛	11	10¼
U. S. Gypsum (Com.)	20	98	102½	99¾
U. S. Gypsum (Pfd.)	100	186	192	187
U. S. Rubber (Com.)	10	41½	45¾	44¾
U. S. Rubber (Pfd.)	100	145⅛	151	146½

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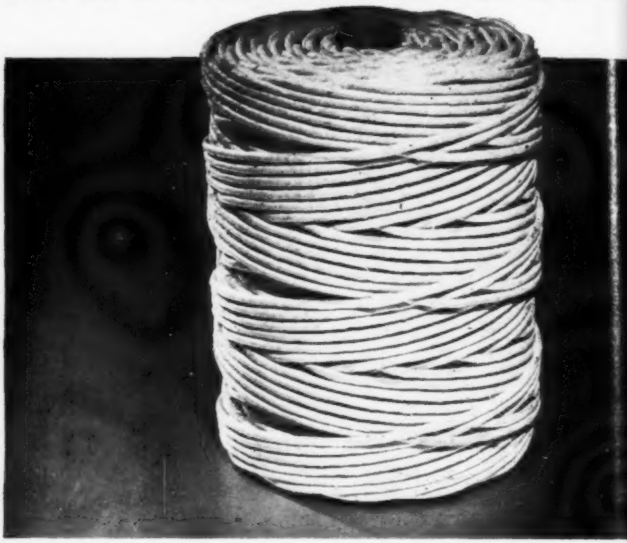
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