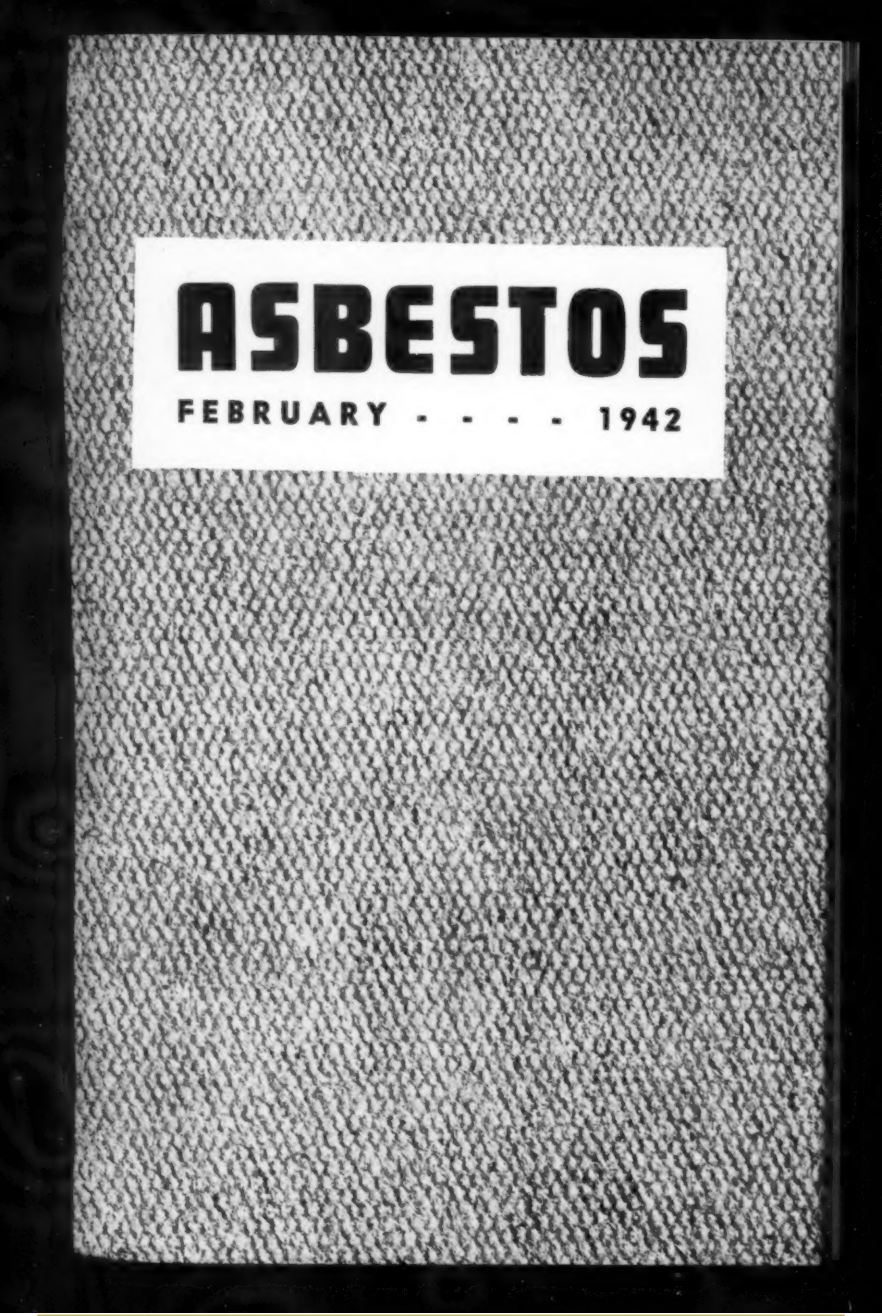
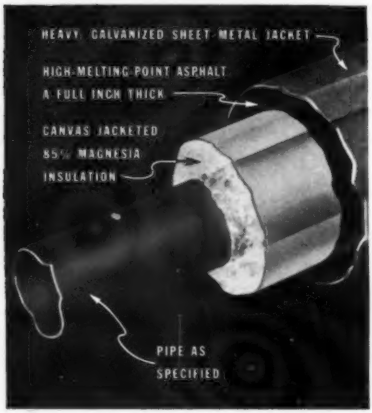


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Sectional view of Durant Insulated Pipe, showing construction features. Pipe, insulation and protection are factory-fabricated into units.



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Ehret's Durant Insulated Pipe combines the high insulating efficiency of 85% Magnesia and the time-defying characteristics of imperishable asphalt. Added to this advantage is factory-fabricated construction which makes field installation both rapid and economical.

Send for the special Ehret booklet on D. I. P. It contains full details on this modern system for underground insulated piping.

EHRET MAGNESIA MANUFACTURING COMPANY

VALLEY FORGE • PENNSYLVANIA

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FOUNDED IN JULY 1919 AND PUBLISHED
CONTINUOUSLY SINCE THAT DATE

A. S. ROSSITER, *EDITOR*

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ASBESTOS FOR AMERICA

Editorial by Grant V. Wilson



Grant V. Wilson

Grant V. Wilson, President of Grant Wilson, Inc., Distributors of insulation and fireproof materials, is an Asbestos enthusiast. "If each of us," says Mr. Wilson, "will undertake to develop one Asbestos product to be substituted for a Wartime Critical Material, we can in no other way serve our country greater nor our Industry more."

I can think of no cause more inspiring to serve than our present National Emergency nor can I think of an Industry more capable to serve that Cause than our own Asbestos Industry.

Tho our Asbestos products for the most part are not found on the Critical List, we should be impressed with the unusual opportunity we have to relieve this Critical List thru our singular lack of restrictions.

I recall having studied rather carefully the series of "Uses for Asbestos" published some years ago in the magazine "ASBESTOS" and have been impressed with the number of fields into which Asbestos finds its way and the very important service it renders.

Our job as an Industry is to develop, thru the good fortune of abundant raw asbestos, substitutes to release Critical Materials. A little thought given to basic asbestos will lead us into many otherwise overlooked fields. First of all, asbestos in itself is a mineral and minerals are in demand. From a mineral, asbestos becomes a textile and textiles are in demand. From a mineral, asbestos becomes a paper, and the same shortages apply to the Paper Industry. From a mineral, asbestos becomes in part a plastic and plastics are high on the need list.

Each of us as we fit into our particular niches of this important Industry, can build from these few facts an un-

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limited number of variations and adaptations that will be not only valuable as a war-time substitute for Critical Materials, but in many cases an improvement over the original materials.

As in all other Wars, this War will not leave us as it found us. Customs and traditions will be abandoned and our entire conception of how things should be done and what materials should be used will be changed. These changes will endure to the extent that those of us who have been given the Asbestos Industry to mould, can mould it wisely and permanently.

Now as never before it is true that no waste is too small to correct, and this applies as much to non-critical materials as it does to Critical Materials, because wasting a non-critical material today can make it a Critical Material tomorrow. Out in front on the list of waste eliminators, stand products made of asbestos—such as Pipe Covering to save fuel, Pipe Covering to prevent rust, Brake Linings to save tires, Building Board to save steel, and Packings to save power and lives.

If each of us will undertake to develop one Asbestos product to be substantiated for a war-time Critical Material, we can in no other way serve our country greater nor our Industry more.

THE 1942 A.S.H.V.E. GUIDE

The 1942 edition of Heating, Ventilating, Air Conditioning Guide marks the 20th Anniversary of publication. In 1922 the first issue contained only 360 pages. The 1942 edition has 1,256 pages and treats exhaustively every phase of heating, ventilating and air conditioning, and related phases of refrigeration.

In this new 1942 edition a new chapter has been added on Fundamentals of Heat Transfer, which includes the basic equations for conduction, convection and radiation.

Price is $5.00 a copy (or $5.50 for a thumb-indexed edition available with chapter tabs). Orders sent to "ASBESTOS" will be promptly filled.

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DISCUSSING BRAKE LINING PROBLEMS

By Peter E. Chance[1]

While a newcomer to the brake lining industry, thru my automotive associations I feel that your language is not a new one, nor your problems different.

Fortunately, I was brought up in the school of "Bill Holler", considered by many the "Greatest Sales Manager" the auto industry has ever known. He would come to some key city and call in all his senior and junior executives and zone managers, take off his coat and start in with:

> "You men are the best informed group in the industry . . . . I'm here to tell you all I know so that you can pass it down to your dealers . . . . No organization can make progress in this changing world unless they are informed and progressive."

This is a changing world! So to make progress we must be informed—progressive and comprehensive in our relations and policies. They cannot be fixed or unchanging. You, as readers of "ASBESTOS", have this vehicle to keep you informed as to what your industry is doing. We, of the brake lining industry, have been rather remiss in this score. Therefore, we propose to gather information of men, people, organizations, changes, places, laws, etc., that will keep you informed as to what is going on. Lobbying, in these hectic times of priorities, is a moot word. We will, however, start immediately to lobby for information and ideas, then condense them so that the busy executive will, at a glance, find out "what's new!"

We are embarked on a war not to safeguard the four freedoms but to safeguard our *very existence.* Our National Executives tell us the path will be long and arduous. There will be many disappointments and much bad news before the good. We will win; and, thereby safeguard a democratic economic life. Many changes in our industrial life will come to pass due to the exigencies of the times, lack of materials, dislocation of industry,

[1] General Manager Brake Lining Manufacturers Association.

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Carey HEAT INSULATIONS



Careycel—For temperatures up to 300° F.

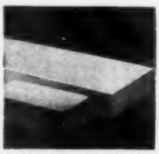
ASBESTOS · MAGNESIA

The CAREY Line includes high efficiency insulating materials of Asbestos and Magnesia for every known service condition—for temperatures ranging from

SUB-ZERO to 2500° F.



85% Magnesia—For High & Med. Pressure.



Hi-Temp Blocks—For Furnaces, Ovens, Kilns, etc.

In addition to the insulations shown, Carey makes other Asbestos Specialties — as Plastic and dry Refractory Cements, Asbestos Paper, Asbestos Millboard, Asbestos Packings, Asbestos Cements, Flat and Corrugated Sheathing, Careystone Asbestos-Cement Shingles and Siding, Asbestos Fibre.

Wholesalers and Applicators of Insulation Materials—write for details and prices.



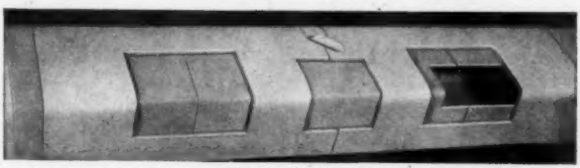
Combination Hi-Temp—85% Magnesia.



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the all-asbestos duct for conveying conditioned air. Combines duct and insulation. Fireproof, sound-deadening, permanent, economical, easily erected.



Cut-out view of CAREYDUCT—assembled sections showing staggered joint construction and taped outer jacket. Smooth appearance.

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change-over to armaments—these will have an adverse effect on many industries. The one hit hardest will be the automobile manufacturers. We believe that the brake lining industry will be one to suffer the least, due to the importance of our product to the nation. It represents transportation, one of the biggest items in our defense effort. This demand must be satisfied to permit safety and less wasted man hours, the rate of which today is mounting to an appalling degree. Wasted man hours mean wasted effort in our defense plans. This year the fatalities to date show an increase of 17%, with the 1941 toll promising to reach a new all time high. Therefore, we of the brake lining industry, by going all out for safety, are going further in conserving those lost man hours which will bring that ultimate victory to us quicker .... *KEEP THEM ROLLING.*

REPORT OF COMMITTEE C-16 OF A.S.T.M.

The latest report on the work of Committee C-16 (Thermal Insulating Materials) of the American Society for Testing Materials, states that tests for compressive strength and flexural strength of preformed thermal insulating blocks (C 165-41T) have been issued and studies are under way to determine the effect of prolonged heating on preformed block type insulation, one method involving the use of a sieve shaker.

In the field of insulating cements, three methods have been approved for sampling and preparations of specimens, bulk density and covering capacity and volume change. A new method of test for thickness and density of blanket-type thermal insulating materials (C 167-41T) has been approved. In a study of mechanical stability of wool-type insulation after prolonged heating a sieve shaker method is being investigated.

A joint committee developed a proposed method for measuring conductivity by use of the guarded hot plate, but Committee C-16 before agreeing on the method is investigating the comparative results obtained by different laboratories on several kinds of material.

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ASBESTOS

In a Multitude of Forms . . .

For more than three-quarters of a century, Johns-Manville has been manufacturing a large variety of asbestos products, contributing to greater comfort, protection from fire and the more efficient operation of industrial equipment.

Johns-Manville owns and operates Asbestos Mines in Arizona and Canada, thirteen factories located strategically across the continent, sales offices in all large cities and a large, scientifically equipped research laboratory in which J-M Engineers and Scientists are constantly developing new uses for this remarkable mineral, Asbestos.

Some of the better known J-M Asbestos products include: Packings, Insulations, Roofing and Siding, Transite Water Pipe and Electrical Conduit, Office Partitions, Decorative Wall Boards, Flooring and Friction Materials. In addition, Johns-Manville furnishes raw asbestos in a wide range of grades and fibre lengths.

For complete information on J-M Asbestos Products write to any J-M office or distributor.

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GOVERNMENT RULINGS ON CERTAIN TYPES OF ASBESTOS

(M-63, M-79, M-66)

On December 28th the Federal Government took control of all imports of 13 designated strategic materials under General Imports **Order M-63.**

This order M-63 provides that, unless otherwise authorized by OPM[1], all future contracts for imports of those materials will be handled by the Metals Reserve Company, RFC subsidiary or other Governmental agency, and that no private person or concern can make arrangements for imports except that in certain cases, such as imports for processing and immediate re-export, the Director of Priorities may grant specific exceptions to the order.

While this original order M-63 did not include asbestos, on January 13th, 1942, announcement was made by Donald M. Nelson, Director of Priorities, amending the order, by adding to the list several other materials among which was included *asbestos from South Africa.*

According to the original order the Metals Reserve Co. plans to use existing channels to make its foreign purchases and work thru established brokers and dealers. The order does not disturb existing contracts or commitments, except that future shipments or goods in transit may not be sold except to the Metals Reserve Co. unless under written authorization or other action by the Director of Priorities. Persons seeking such authorization or other action are instructed to use Form PD222A in all instances.

Collectors of Customs at all ports of entry in the United States will assist the OPM in clearing shipments affected by the order. The consignee will file a report with the collector in each instance and then may move his shipment to the point of first destination in this country.

[1] Now the War Production Board.

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...America's biggest "insulation" job!

IT is really an insulation job that faces America today—insulating Democracy against Dictatorship.

With this goal the Keasbey & Mattison Company is in full and enthusiastic accord. We like what is called the "American Way," its concern for the freedom of the individual, its aspirations for a peaceful world.

It is only natural, then, that the Nation has first call on K&M plants and employees. Our whole productive capacity has been dedicated to the cause of defending Democracy.

While working at top speed, we are not forgetting that the future will bring demands for improved asbestos products . . . and new products too. Our engineers and research men are working now on better materials for tomorrow.

Perhaps you can assist us. In what way can asbestos make your work easier or help solve some particular difficulty? Any suggestions will be carefully considered in the hope that they will prove practical from a manufacturing standpoint. We'd appreciate a letter from you.

* * *

Nature made asbestos; Keasbey & Mattison has made it serve mankind . . . since 1873.

KEASBEY & MATTISON
COMPANY, AMBLER, PENNA.



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There it must be held for disposition as outlined in the order.

In many instances, clearance of goods in transit is possible, and importers should get in touch with the appropriate branch of the OPM to avoid delay after shipments have arrived. Materials going directly into plants with war contracts are in that category and automatic clearance for such shipments may be arranged.

The Metals Reserve Co. is prepared to negotiate with holders of open commitments and will take over their contracts where that is feasible. All materials purchased by the company will be held for allocation by the Director of Priorities. The order also provides that all persons who have made arrangements for imports affected by the order shall report the facts immediately to the Metals Reserve Company.

—:—

On January 21st, certain types of South African asbestos were placed under strict priority control by the Director of Priorities, under Conservation **Order M-79,** curtailing the uses of these certain types.

This order M-79 prohibits the use of South African asbestos after February 1, except to fill defense orders, and permits its use to fill defense orders for specified purposes only.

Unless specifically authorized by the Director of Priorities, after February 1 no one shall process any Chrysotile asbestos fibre (Rhodesian Grades C&G No. 1 and C&G No. 2) unless necessary to fill defense orders, for core rovings or non-ferrous tapes, cloth and lapps.

Prohibitions are also placed on processing certain grades of amosite asbestos fibre, except to fill defense orders, for woven felt blankets and mattresses for marine turbine insulation. Nor shall anyone process certain grades of amosite asbestos fibre, unless to fill defense orders, for turbine insulation blankets, fireproof board, sprayed amosite, molded amosite pipe covering and blocks, 85% Magnesia pipe covering and blocks, flexible amosite pipe insulation or dry pack insulation.

The order also prohibits installing without specific au-

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VERMONT



ASBESTOS

MINED IN U. S. A.

Clean, well fiberized asbestos particularly well suited for the manufacture of the better types of

BRAKE LINING • CLUTCH FACING • ROOFING PAINTS
SHINGLES • PLASTIC CEMENT • INSULATING CEMENT
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thority 85% magnesia or other high temperature pipe covering[1] unless used where temperatures of 200 degrees Fahrenheit or over occur.

The order further states that anyone processing asbestos fibre should file all information required on form PD-251 or PD-252 and return it to OPM[2] by February 10, 1942, and by the tenth of every calendar month thereafter. When OPM requests it any asbestos processor must fill out and return form PD-253.

Copy of the full context of Order M-79 will be supplied to any reader of "ASBESTOS", upon request, on business letterhead, addressed to "ASBESTOS", 16th Fl., Inquirer Bldg., Philadelphia, or can be obtained from the Division of Priorities, Office of Production Management[2], as can also the Forms above mentioned.

—:—

Another recent ruling of interest to some of our readers is **M-66,** which places drastic restrictions on the use of cashew nut shell oil, but permits the use of that commodity in filling defense orders with a preference rating of A-2 or higher, for *brake linings,* molding resins to be used for insulating aviation ignitions and resin solutions for impregnating electrical coils. The order is dated January 13, 1942.

[1] While this order M-79 covers principally South African Asbestos we learn, upon inquiry to the War Production Board, that this particular prohibition refers to *all* high temperature pipe covering regardless of the origin of the asbestos fibres used therein.

[2] Now the War Production Board.

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AIRCELL
CELL-O-TONE
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(Flexible Type)

NORRISTOWN MAGNESIA & ASBESTOS CO.
NORRISTOWN
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M. J. O'MALLEY

A Brief Biography of a Well-known Asbestos Veteran

In November of last year, Michael J. O'Malley retired from the Presidency of the Standard Asbestos Manufacturing Company, which he had founded thirty-five years ago, and became Chairman of its Board of Directors. Actually, however, he had retired from active duty two years previously. His active career in the Asbestos Industry occupied just about 50 years, practically all of which was devoted to the asbestos paper and insulation divisions of the Industry.

Mr. O'Malley came to Chicago in 1890, when eighteen years old, having been born in County Mayo, Ireland, in 1872. His first job was with H. W. Johns (original founder of Johns-Manville Corporation). In 1893 Mr. O'Malley went to work for Chicago Fireproof Company, and from there to Sall Mountain Company where he worked as Superintendent for nine years. During this last period he attended night school, taking up engineering and paper making.



M. J. O'Malley in familiar pose with "one of the big ones".

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In 1906 he founded the Standard Asbestos Mfg. Company, devoted to the making of aircell insulation and built up a thriving business in distribution and contract work in that commodity. Ten years later he built an asbestos paper mill at 860 Evergreen Street, but kept the Lake Street building as an office, shipping and display room.

His company is well regarded in the trade, not only in Chicago but thruout the Industry, and Mr. O'Malley has the affectionate and respectful regard of his contemporaries, competitors and associates.

Mr. O'Malley's charities claim a lot of his time and energy. Some years ago he built a day nursery, with accommodations for 200 children of working mothers, and the M. J. O'Malley Home for Nurses at St. Joseph Hospital, Chicago, was another of his philanthropies. About 25 years ago he was elected Vice President of the St. Vincent de Paul Society and personally made 7203 visits to the homes of poor families, seeing that they were cared for by the Society.

His hobby is fishing. No matter where he is he naturally gravitates to the nearest fishing ground. He fished in the rivers of his native land on the several occasions when he returned to visit his parents, and since his retirement he has made his home in Gold Beach, Oregon, on the Rogue River, which affords excellent sport as do other streams in that section. In fact he has won several cups and prizes for his skill in landing the big ones.

—:—

A. S. H. V. E. Committee on Research has issued its annual report for 1941, this consisting of reports from its 21 Sub-Committees. Report on its Sub-committee on Insulation, R. T. Miller, Chairman, states that plans have been formulated for investigating three projects of special interest to the Insulation Committee; additional studies to determine the conductances of various air spaces bounded with reflective materials; investigation covering the conductivity of materials subjected to variable heat flow, and additional research to determine the heat capacity of various building and insulating materials.

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MARKET CONDITIONS

GENERAL BUSINESS

It is impossible to give in a few brief sentences any adequate idea of general business conditions today, and even if we were to attempt it, by the time you read it, conditions might be entirely changed.

But we would like to quote a paragraph from the February 1942 "letter" of The National City Bank, which seems to us to state in most concise form the real situation today: (The italics are our own).

"In domestic business the moves to concentrate the industrial effort on war production overshadow other developments. They require loyal and efficient cooperation from the public as well as the industries, and *they are receiving it in gratifying measure.* Limitation and curtailment orders are spreading as time goes on and disrupting ing many normal occupations, but *they are accepted in good spirit,* as inevitable and as furthering the war effort; and of course the situation provides the strongest possible inducement to employers and workers to get into war production."

ASBESTOS - RAW MATERIAL

The Canadian Mines are operating at the utmost capacity and are unable to take on additional business for some time to come. There is a definite shortage of No. 2 Crude Asbestos.

Various regulations on asbestos have been recently put into effect by the United States Government—a digest of these will be found on page 8.

Prices on all grades of asbestos are firm.

ASBESTOS—MANUFACTURED GOODS

Textiles. One of our correspondents sums up the situation in asbestos textiles in a few succinct phrases: Volume high—prospects bright—prices firm. And it looks as tho this would be the situation for some time to come.

Brake Lining. Restrictions, placed by the Government on civilian output during the last quarter, brought

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about a decrease in the total sales of brake lining for December. Exports recorded a decrease from the previous month but increased over those for the same month last year.

Insulation. High Pressure. This market continues strong as many projects reach the point where insulation is required. Expansion of facilities already completed plus entirely new facilities for production of armaments and other accessories to the war effort promise continued heavy demand for these products.

Insulation. Low Pressure. Demand in this market at present is very light, a partly seasonal condition, and partly the result of "mass production" of dwellings for defense housing purposes. A great many of the defense housing projects have very little piping, and use very little insulation.

Paper and Millboard. Demand in the Asbestos Paper market has slackened to some degree, as is natural at this time of year and in view of the conditions in the low pressure insulation lines.

Millboard, on the other hand, continues to show heavy volume, easily explained by its use in ships and, we presume, in tanks and airplanes.

Asbestos-Cement Products. The demand for asbestos-cement products of all types continues substantially above normal for this season of the year, easily explained by the large requirements for Government construction. Civilian, or private, use is probably lower than normal for even this season of the year, and it appears that the major part of the industry's tonnage for some time to come will be for Government needs.

There has been some improvement in the delivery situation on shingles and sidings but demand for corrugated and flat sheets continues to run far ahead of the supply.

These comments are offered in good faith by various executives in the Asbestos Industry; if your ideas differ we shall be glad to have your opinions.

WANTED

Any size used square packing braiders in usable condition. State make and price. Address Box 2G-W, "ASBESTOS", 16th Fl., Inquirer Bldg., Philadelphia, Pa.

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

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TRAMP STEAMER—T

But they are bringing into this country large tonnage RAW

There she rolls . . . down to her Plimsoll mark in stormy water . . . battered, rusty but reliable — one of many unsung heroes that keep freedom afloat. In her hatches is precious cargo—raw Asbestos—the stuff on which National Defense and industry depend. From Australia, Canada, Cyprus and Bolivia . . . from India, Russia, Rhodesia and South Africa —they beat their patient way . . . one eye on the enemy, the

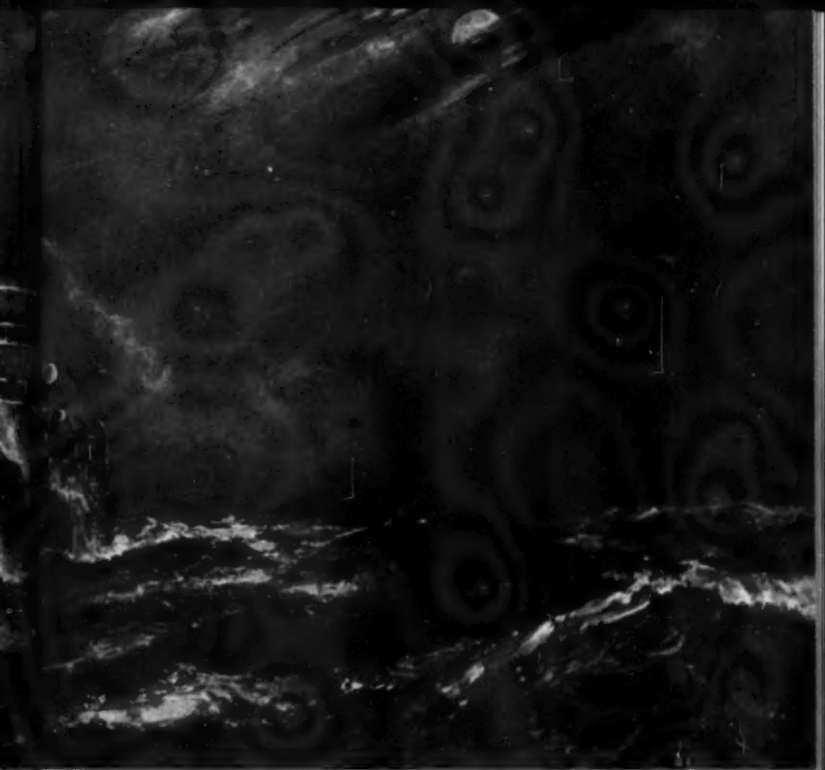
TRADE [illegible]STERED

ASBESTOS[illegible]ITE

8 WEST 40th STREET, NEW YORK, N. Y. . . . 27 SIMMONDS ST., J[illegible]ESBUR[illegible]

Manufacturers of *Cyprus Asbestos Siding*...Creators and exclusive manufac[illegible] *New Er[illegible]*

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E—THEY CALL 'EM!

ag RAW ASBESTOS for National Defense and Industry

other on the stars. Nothing deters them—no one applauds them. They do their vital job—and the Asbestos arrives. Asbestos in all its variety—for each industrial and defense need demands a special asbestos suited to the job.

★ ★ ★ ★ ★

Have you any questions about raw Asbestos? We shall be pleased to answer them promptly.

TRADE ISTERED

OS ITED INC.

., JESBURG, SOUTH AFRICA . . . WORKS: MILLINGTON, NEW JERSEY

fac *New Era Insulation*, lightest rigid insulation made for high or low temperature

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Rhodesian
SHABANI MINE — SHABANIE
GATH'S MINE — MASHABA

African
HAVELOCK MINE — SWAZILAND

Canadian
BELL MINE — THETFORD MINES, P. Q.

ASBESTOS

Raw Asbestos Distributors Limited
Spotland
ROCHDALE, Lancs., England.

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ASBESTOS SUITS--

Sewn with Cotton Thread

A rather odd incident has been brought to our attention by an English manufacturer of asbestos clothing.

Some months ago there were presented to the British Government by some United States agency, 500 asbestos suits.

Upon arrival of these asbestos suits in England, a manufacturer of safety clothing, who has had long experience and has conducted numerous tests on asbestos wearing apparel, in fact has made a special study of the subject, was asked to pass upon the suits and express an opinion as to the use to which they could be put.

The suits were found to be of the light-weight type, suitable for certain fire fighting purposes. However, further examination disclosed that, while 250 of the suits were sewn with asbestos thread and could be passed without question, the other 250 had been sewn with *cotton* thread, and, in the words of the English manufacturer, "consequently were of no value as a protection against fire."

The suits are at present being oversewn in England with asbestos to render them usable, and so far as the English side of it is concerned, the incident is closed.

But we understand that some manufacturers in the United States claim that asbestos thread is not strong enough, and that asbestos metallic yarn makes the seams too cumbersome—loose set and stiff. Therefore they claim that the *felled seam* sewed with cotton thread is just as efficient in the fighting of fire but that the suit is much easier and quicker to don and allows the wearer greater freedom of movement.

We would like comments from any and all manufacturers of safety clothing, and will publish such comments (without identification if preferred) in our next number.

Tell us what kind of thread you use in sewing your asbestos clothing and why you think it the best. A full and free discussion will bring out many interesting ideas and may help to make fire fighting safer and easier both in war and peacetime.

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CONTRACTORS AND DISTRIBUTORS PAGE

Building in the War

This is the title of a pamphlet recently issued by The Research Department of Building Supply News and Practical Builder.

Insulation contractors, distributors of insulation, or of asbestos-cement products, in fact everyone interested in the Construction Industry, will find this pamphlet most interesting reading, and very probably, helpful as well.

A few of the paragraphs which especially appealed to us were:

Auto-rubber Ban Restricts Workers' Choice of Homes

War Construction Program should Enlist Services of All Building Men

Need to Revise Defense Housing Program Upward

Record Food Program calls for Large Farm Building Year

Small Renovizing Jobs will Bulk Large in the Aggregate

Building Needs Prior Claim on Civilian Steel.

Single copies of this pamphlet will be supplied gratis by Building Supply News (59 E. Van Buren St., Chicago, Ill.) or, if desired in quantity, the price is $5.00 per hundred.

Building

For the first time since 1928, building and engineering contracts awarded in the 37 eastern states in 1941, topped the six-billion dollar mark. The 1941 total for those states, as compiled by F. W. Dodge Corporation from its daily field reports, was $6,007,474,000, compared with $4,003,957,000 in 1940 the previous record year of the post-depression period.

The most spectacular increase took place in the building of new manufacturing plant capacity for which contracts in 1941 reached the record-breaking total of $1,181,523,000, a figure that excludes all processing machinery. This was more than two and a half times the 1940 volume of $442,424,000, and exceeded greatly the previous record year, 1920, which had, at much higher cost levels than are currently prevalent, a total of $635,168,000. This increase in manufacturing buildings, coupled with a 48 per cent increase in commercial building and with a very moderate increase in public and institutional buildings, produced a 1941 non-residential building total of $2,315,671,000, which was

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79 per cent more that the corresponding 1940 figure.

Residential building contracts in 1941 reached a total of $1,953,801,000, largest since 1928, and 22 per cent greater than the 1940 figure. Heavy engineering contracts (public works and utilities) reached a total of $1,738,002,000 compared with $1,112,373,000 in 1940.

Commenting on the 1941 construction record, Thomas S. Holden, president of F. W. Dodge Corporation states: "This post-depression record volume was compounded of a large defense construction program and, up to last September, a rapidly mounting volume of public and private non-defense construction. According to the government estimate about 40 per cent of the total 1941 construction program was for defense construction. The 1942 program is presently estimated to equal in total dollar volume that of 1941, with a vastly increased war construction program, volume of civilian construction curtailed to absolute essentials and an approximately normal volume of maintenance and repairs.

"Seventy-five to 80 per cent of this year's total volume will be war construction, quite widely distributed thruout the country. Being thus called upon to produce greatly expanded facilities for Army, Navy, air force, war production and war housing, construction becomes in 1942 one of the country's leading war industries. During recent months, successive priority rulings and orders curtailing non-defense construction have channeled the industry's capacity into its war job and prepared it to meet the task assigned to it."

ESTIMATING TABLES AVAILABLE

Your estimators will find the Twelve Tables, for estimating flange areas, etc., very helpful. They cost only a dollar for a set. Send your orders to "ASBESTOS", 16th Fl., Inquirer Bldg., Philadelphia.

—:—

Never apologize for calling by saying "I was just passing and thought I would drop in." Better you tell the prospect you have come quite a bit out of your way to see him.—*United Roofer.*



TEST

. . . the added sales volume awaiting you among the nation's roofing and siding contractors. Write to . . .

AMERICAN ROOFER and SIDING CONTRACTOR
425 Fourth Avenue, New York City

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NEWS OF THE INDUSTRY

BIRTHDAYS

C. J. Sherer, Vice President and Treasurer, Russell Manufacturing Company, Middletown, Conn., February 18.

E. J. Tyson, Vice President and Secretary, American Asbestos Company, Norristown, Pa., February 18.

Clarence E. Witherspoon, President, Asbestos Construction Co., Inc., New York City, N. Y., February 20.

G. W. Marshall, Jr., General Manager, Industrial Sales Division, Raybestos-Manhattan, Inc., Manheim, Pa., February 21.

J. Albert Taylor, Vice President and Secretary, Wallace & Gale Co., Baltimore, Md., February 24.

Roland C. Sprinkmann, Treasurer, Sprinkmann Sons Corp., Milwaukee, Wis., February 26.

A. S. Johnson, Managing Director, Johnson's Co., Thetford Mines, Que., Canada, February 28.

Leonard Krez, Secretary, Paul J. Krez Co., Chicago, Ill., February 28.

Carl Bindman, Sales Manager, Johnson's Company, Thetford Mines, Que., Canada, March 7.

E. J. Wilson, President, Elwood J. Wilson, Inc., New York City, N. Y., March 7.

P. M. Taft, President, P. M. Taft Asbestos Co., Holyoke, Mass., March 9.

W. L. Markert, President, Brooks-Fisher Insulating Co., Atlanta, Ga., March 10.

Harry A. Kieselbach, General Manager, Insulation Department, Johns-Manville Corporation, New York City, N. Y., March 14.

To all these gentlemen we extend congratulations and best wishes on the occasion of their birthdays.

—:—

ARMSTRONG CORK COMPANY, Lancaster, Pa. The Industrial Division of the Armstrong Cork Company has announced that it is handling Keasbey & Mattison Heat Insulation products in a number of territories covered by district sales offices.

Included in the territories handling the products are Albany, Atlanta, Cincinnati, Dallas, Detroit, Houston, Jacksonville, Los Angeles, New Orleans, New York, San Francisco and St. Louis. The announcement is effective as of January 1, 1942.

"MINERALS OF ARIZONA" is the title of University of Arizona Bulletin No. 149, issued during 1941 by the Arizona Bureau of Mines. Its author is F. W. Galbraith. Obtainable at a cost of 50c from the Arizona Bureau of Mines, University of Arizona, Tucson. Ariz.

This Bulletin contains brief descriptions and locations of all minerals found in Arizona.

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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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RAYBESTOS-MANHATTAN Inc.,-Changes in Personnel

F. L. Curtis, General Manager of The Manhattan Rubber Mfg. Division, has recently been appointed Vice President of Raybestos-Manhattan, Inc. Mr. Curtis has been associated with the Company since its beginning in 1893. He will continue as Treasurer of Raybestos-Manhattan, Inc.

H. E. Smith, Assistant General Manager of The Manhattan Division, was appointed to succeed Mr. Curtis as General Manager. He has been with The Manhattan Division for many years.

J. H. Matthews, Assistant Factory Manager, The Manhattan Division, is taking Mr. Smith's place as Assistant General Manager. Mr. Matthews has been associated with the Manhattan Division for a long term of years.

W. L. White, Director of Laboratories and *H. Snyder*, Manager of the Roll Covering and Tank Lining Departments, are now Assistant Factory Managers of The Manhattan Division at Passaic. *H. H. Burrows* has been appointed Manager of the Roll Covering and Tank Lining Departments and *P. A. Cady* will be Laboratory Manager.

—:—

DR. C. F. RASSWEILER - Appointed J-M Vice President

Dr. C. F. Rassweiler, who joined Johns-Manville last June as director of research, was appointed a vice president of Johns-Manville Corporation, on January 22nd.



Dr. C. F. Rassweiler

In his new office, Dr. Rassweiler will continue in charge of the company's research and development activities which are now largely devoted to converting the full production capacity of Johns-Manville to war uses. Intensive studies of new products and entirely new business possibilities for J-M which may be introduced to create additional employment and sales after the war is over, are also being conducted. Johns-Manville's research laboratories are located in Manville, N. J., and are managed by E. R. Williams, who will continue in that capacity.

—:—

SOUTHERN FRICTION MATERIALS CO., Charlotte, N. C., is now rebuilding its finishing and fabrication building, razed by fire January 11, 1942. It is expected that all production operations will be back to normal within a few weeks.

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UNITED STATES RUBBER CO. - Will make Asbestos Yarns and Fabrics

United States Rubber Company will soon build a new factory in Hogansville, Ga., for the exclusive manufacture of asbestos yarns and fabrics, it was announced on January 27th by H. Gordon Smith, general manager of the company's textile division.

The new building, to be erected on land owned by the company adjacent to its Stark Mills, is required to meet the rapidly growing demand for its *Asbeston* products. *Asbeston* is the trade name under which the company's asbestos textiles are sold.

Output of Asbeston was greatly increased last July when considerable new equipment was installed in the Stark Mills. The expansion plans now under way double present capacity.

Production of Asbeston is based on new processes for making asbestos textiles patented by the United States Rubber Company. Work on these processes has been pursued at Hogansville for the last six years. The substantial production now in progress represents a large scale commercial recognition of the value of many years of experimental and development work.

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EHRET ISSUES INSULATION HANDBOOK

A wealth of information is contained in the 176-page (pocket size) insulation handbook just issued by the Ehret Magnesia Mfg. Company of Valley Forge, Pa. There are sections devoted to technical information, descriptions of insulating materials, specifications, application recommendations and engineering tables.

In fact this handbook constitutes a text or reference book of practical value to engineers, architects, insulation contractors, applicators, power plant operators, boiler room personnel, industrial executives, plant managers and engineering students.

It contains the major portion of the information in the Ehret Manual issued in 1940, which was published in a limited edition.

The Ehret Company is offering this new handbook to any and all who are interested in getting the most from their thermal insulations. A request sent to the Company for a copy will be promptly complied with.

—:—

JOHNS-MANVILLE, in its annual report covering the year ending December 31, 1941, shows earnings for that year of $5,967,145 after making provision for contingencies arising out of war conditions, compared to $5,882,071 in 1940. After payment of preferred dividends, earnings in 1941 amounted to $6.66 per share of common stock.

Sales in 1941 were at a record high of $92,852,483, which represented a 50% increase over sales of $61,761,236 in 1940.

Detailed figures will be published in our March number.

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TURNER & NEWALL LIMITED

Directors' Report and Balance Sheet as of September 30, 1941, has just been received. The report, compared with the previous year, follows:

	Year Ending Sept. 30, 1940	Year Ending Sept. 30, 1941
Profit after providing for exp. of Management, Depre., Directors' Fees, Income Tax, Excess Profits Tax, etc.	£667,941	£506,472
Add balance brought forward from previous year	66,763	71,515
	734,704	577,987
Deduct Dividends already paid (pref. & ordinary) less income tax	193,474	157,993
Available Balance	541,230	419,994
Which Directors recommend be appropriated as follows.		
Final Dividend on ordinary stock (making 15% for year 1940 and 12½% for 1941) after deduction of Income Tax	359,715	244,805
Turner & Newall Welfare Trust Limited	10,000	10,000
General Reserve	100,000	100,000
Leaving a balance to carry forward of	£ 71,515	£ 65,189

Sir Samuel Turner, Chairman, in addressing the Annual General Meeting held on January 23, 1942, commented at length on the balance sheet and also on the various interests of the Company. The following points which he brought out are of interest:

During the year of 1941 production at the Mines in Southern Rhodesia was curtailed, principally because the closing of the Continent of Europe made a substantial difference in demand, but production, beginning early in 1942, is being increased as demand from the British Empire and the United States makes this necessary.

The Havelock Mine in Swaziland, which also operated on a reduced scale as from the 1st of October 1940, increased its rate of production to maximum capacity in June 1941, and operated on this basis for the rest of the year.

A new method of milling raw asbestos has been evolved by the Companies' technicians and has been operated with great success at the Havelock Mine. It has also been tested at the Southern Rhodesian Mines and will no doubt be similarly successful there. This new method of milling is regarded as a valuable contribution to the technique of the Industry and of such importance that patent protection has been applied for in all the principal asbestos mining countries of the world.

J. W. Roberts Limited, a subsidiary, have largely replaced the loss of European markets for their specialty Limpet Sprayed Asbestos by increased deliveries to the home market, particularly in connection with work in ships.

Ferodo Limited has accomplished development work on its non-metallic blocks for railway rolling stock and these blocks

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are now being used on an increasing scale by British Railways. Additional plant is about to be installed for increasing the production of Ferogrip fan belts for the motor vehicle industry.

An additional factory has been acquired during the year by Turners Asbestos Cement Company and is already operating in the production of asbestos-cement roofing materials which are in heavy demand for buildings of all kinds.

Sir Samuel mentioned with deep regret the loss, by death, of W. Norman Roberts, Director of the Company from 1928 until the date of his death, December 6, 1941. Mr. Roberts has been associated with the Company from its early days.

—:—

RUSSELL MANUFACTURING CO. --

Lends its President to Defense Program for Duration of the War

George M. Williams, President of Russell Manufacturing Company, has been granted an indefinite leave of absence by the Directors of that Company, to become first assistant to T. M. Girdler, chairman of Republic Steel, who was recently appointed chairman of the Vultee-Consolidated Aircraft Corporation. Vultee is one of the largest airplane manufacturers in the United States.

Mr. Williams' departure from The Russell Mfg. Company does not mean that he has given up his connections with the Asbestos Industry; his services have merely been lent to Vultee-Consolidated for the war period.



George M. Williams

While we regret even the temporary loss of a man of Mr. Williams' calibre, it gives the Asbestos Industry a certain feeling of satisfaction that the Government reaches out and places our men in high positions.

Mr. Williams' duties as President of the Russell Manufacturing Company has been delegated to C. J. Sherer, A. P. Smith and Thomas M. Russell, Jr., all Vice Presidents. All of these executives have been closely associated with Mr. Williams since he came to Russell Mfg. Company, and are entirely familiar with his manufacturing policies.

Mr. Williams has served as President of the Brake Lining Manufacturers Association (from September 1935 to October 1936) and as a member of the Executive Committee.

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REPUBLIC FILTERS, INC., is the new name which has been adopted by the firm formerly known as the American Seitz Filter Corporation. This firm manufactures many different kinds of filtering materials, including a number of different types of asbestos filtering materials. Their factory and executive offices are located at Paterson, N. J., and their Eastern Sales Office at 480 Lexington Ave., New York City.

JOHNS-MANVILLE have recently placed on the market their Red-Bak Brake Lining. The colorful red backing to this brake lining acts as a danger signal. When the lining is worn down to this red fabric, it is time to replace the lining.

"LAMINATED PLASTICS" in the January issue of "Product Engineering" describes the various kinds of sheet materials used for laminated structure. It has this to say about asbestos: "Asbestos Base Materials because of their high inorganic content are more resistant to flame and slightly more resistant to heat than the other laminated grades. These materials are characterized by low water absorption and high dimensional stability." Product Engineering is published at 350 W. 42nd St., New York City.

UNION ASBESTOS & RUBBER CO. of Chicago, Ill., has recently sold its Brake Lining Division, stocks of work in process and inventories to L. J. Miley Co., manufacturers of brake linings, brake shoes and other brake products. Brand names of the linings now manufactured by L. J. Miley Co. are Black Gold, Ebonite, Carbonite, Bloc-tex and Precision Sets.

THERMOID CO. have produced and are now showing a new brake service film, "Keep 'em Holding". It was introduced at the Thermoid home offices at an open house to the trade press, on January 5th. It covers the entire field of hydraulic brake operation and approved service methods, and shows in complete and accurate detail the adjustment operation on every popular type of hydraulic brake in use today.

JAMES HARDIE & COY. PTY. LIMITED, of Sydney, Australia, advises that both their chairman, Lieutenant-Colonel A. Thyne Reid, and their Mr. M. A. Hill are on leave of absence and are serving overseas with the A. I. F. Their factories are reported to be very busy working on war and munitions requirements.

—:—

The brake service man who sells a reline job where it is needed actually is rendering a public service—"Stop and Go".

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THEY SAY!

Asbestos Cement Conduit is to be used in the new Brooklyn-Battery Tunnel.

—:—

The 1200-mile pipeline from the legendary Garden of Eden in Iraq to the Mediterranean Sea is covered with J-M Asbestos Pipe Line Felt.

—:—

In England, a type of construction for the lining of steel stacks, to prevent corrosion, utilizes asbestos-cement sheets with a plastic compound between the lining and the sheets.

—:—

Defense Housing is finding Asbestos-Cement products most useful. Asbestos-Cement Sidings are used extensively; panels of insulating board (meaning the two sheets of asbestos-cement with insulating board between) are popular for partitions, and vent pipes for gas furnaces are also found in defense houses. Readers are asked to report to us any odd uses of asbestos-cement in housing for defense workers.

—:—

Electrically welded ships are saving thousands of man-hours in ship production—of interest to everyone of us who wants to win the war. But especially interesting to the Asbestos Industry because electrical welding means the use of asbestos paper to protect parts outside the welding area, and the wearing of several articles of asbestos clothing. It's hard to find any process in the war program which doesn't in some manner or other, either direct or obscure, require the use of asbestos in some form.

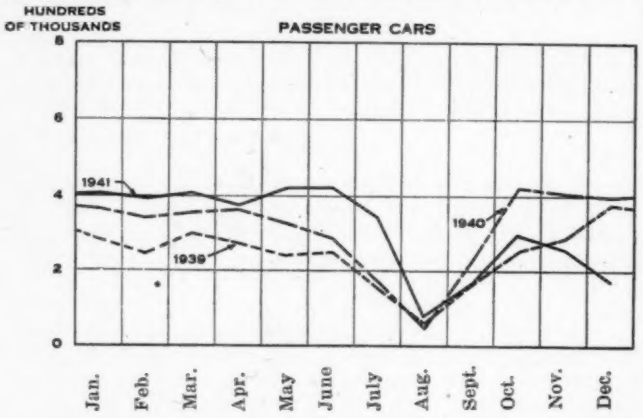
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That 14,000 pounds of asbestos paper is used in each cruiser.

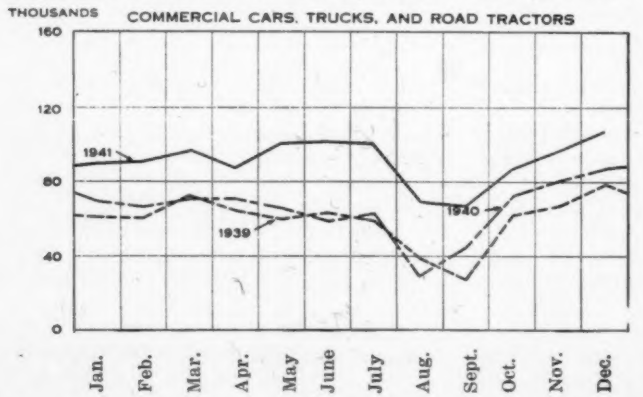
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AUTOMOBILE PRODUCTION

During December 1941 there were produced in the United States and Canada 302,518 motor vehicles (282,205 in the United States and 20,313 in Canada). This compared with a total in December 1940 of 506,931; and in November 1941 of 373,892.



The total motor vehicle production for last year was 5,108,992, of which 4,838,561 were produced in the United States, and 270,431 in Canada. For 1940 total motor vehicle production



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amounted to 4,692,338, and in 1939 the total was 3,732,718.

The graphs give an idea of how production varied in the United States during the last three years, from month to month, in both passenger cars and trucks.

PATENTS

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

Asbestos Cloth. No. 2,264,158. Granted on November 25, 1941 to Frederic B. Clark, Englewood, N. J. Application July 30, 1938. Serial No. 222,111. In making a flexible asbestos cloth, the method which comprises forming a cloth of woven strands of mixed fibre of chrysotile asbestos and cotton, treating the cloth with an aqueous alkali solution, washing out the alkali solution and pressing the resulting wet cloth between a smooth surface of a non-yielding member and a yieldable backing member.

Ironer Padding. No. 2,264,731. Granted on December 2, 1941 to Francis John Wakem, Manhasset, N. Y., assignor to Johns-Manville. Application November 10, 1938. Serial No. 239,744.

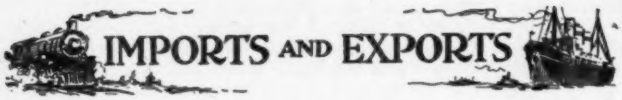
A covering assembly for flat work ironer rolls and the like comprising a body of asbestos fibres, a moisture-vapor-pervious binder cloth overlying a face of said pad, a moisture-vapor-pervious cover sheet overlying the binder cloth and providing a facing for the assembly and a waterproofing medium carried by the fibres in at least that portion of the pad adjacent the overlying binder cloth.

Insulating Pipe Covering. No. 2,264,967. Granted on December 2, 1941 to Robert E. Cryor, Oak Park, Ill., assignor to Union Asbestos & Rubber Co., Chicago, Ill. Application February 15, 1939. Serial No. 256,464.

An insulating covering for curved pipes to be assembled on a straight section of pipe and slid longitudinally from the straight section on the curved pipe, to provide a uniform insulation for said curved pipe, comprising a woven sheath of asbestos fibres, said sheath having a relatively soft pair of walls joined together at relatively sharp edges, a temperature resistant insulating filling for said sheath, said filling comprising a plurality of large, loose, soft members assembled and shaped to provide assembly with tapered edges and combination means comprising cord located at one edge of the sheath and extending to parts of the sheath adjacent to said edge and having a plurality of points of securement along the joint whereby the tapered edges of the covering are drawn over each other in overlapping engagement and are adapted to be maintained closed when applied to said curved pipe.

Machinery Packing. No. 2,264,970. Granted on December 2, 1941 to Louis E. Giles, New York City, assignor to Garlock Packing Company, Palmyra, N. Y. Application June 7, 1940. Serial No. 339,292. Description upon request.

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Announcement has been made by the U. S. Department of Commerce that statistics on all imports and exports have been discontinued for the duration of the war.

So far as Asbestos is concerned, this means that the statistics we have been publishing each month—Imports of both raw and manufactured asbestos into the United States, and exports from the United States—will no longer be available. The last figures published were those for September 1941 (see January 1942 "ASBESTOS", pages 33 and 34). We are therefore giving below Summary for the nine months ending September 1941.

The discontinuance of these import and export figures is somewhat regrettable, but of course none of us wish to give even this slight assistance to the enemy.

We are trying to work out a plan by which some Government Agency will hereafter compile the statistics on Asbestos and so have them available for Government Departments during the war, and for completion of our records *after the war*, thus not breaking the continuity of our tabulations which have been kept since January 1923 (18 years and 9 months).

Imports into U. S. A.

(Published by U. S. Dept. of Commerce)

Unmanufactured Asbestos:

	9 mos. ending Sept. 1940 Tons (2240 lbs.)	9 mos. ending Sept. 1941 Tons (2240 lbs.)
Africa (Br. S.)	10,571	13,198
Australia	19	41
Bolivia	.....	20
Brazil	.....	3
Br. India	1	9
Canada	137,058	242,827
Cyprus	2,250	.....
Italy	1,481	.....
Netherlands Indies	17	.....
United Kingdom	16	1
	151,413	256,099
Value	*$6,909,189*	*$11,716,873*

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Tabulation by Grades and Varieties:

	9 mos. ending Sept. 1940 Tons (2240 lbs.)	9 mos. ending Sept. 1941 Tons (2240 lbs.)
Africa (Br. S.)		
Crude—Chrysotile	5,720	4,171
Crude—Blue and Amosite	4,851	9,027
Australia		
Crude—Chrysotile	18	13
Crude—Blue	1	28
Bolivia—Crude—Blue	.....	20
Brazil—L. Grades—Chrys.	.....	3
Br. India		
Crude—Chrysotile	1	9
Canada—Crude—Chrysotile	1,025	2,101
Canada—Milled—Chrysotile	49,708	103,173
Canada—L. Grades—Chrys.	86,325	137,553
Cyprus—L. Grades—Chrys.	2,250	.....
Italy—Crude—Blue and Amosite	15	.....
Italy—L. Grades—Chrys.	1,466	.....
Netherlands Indies—		
Crude—Blue and Amosite	17	.....
United Kingdom		
Crude—Blue and Amosite	16	1
	151,413	256,099

Manufactured Asbestos Goods:

	9 mos. ending Sept. 1940 Pounds	9 mos. ending Sept. 1941 Pounds
Belgium (Shingles)	65,185	.....
Canada (Yarn)	4,745	.....
Canada (Pipe & Boiler Covg.)	187	.....
Canada (Woven Fabrics)	.....	20
France (Packing)	6,331	.....
United Kingdom (Yarn)	21,948	80,656
United Kingdom (Packing)	24,906	27,775
United Kingdom (W. Fabrics)	8,756	3,535
	132,058	111,986
Value	*$37,973*	*$68,201*

Exports from U. S. A.

Exports of unmanufactured Asbestos, during the 9 months ending September 1941 amounted to 4,135 tons, valued at $308,909; compared with 3,036 tons, valued at $340,302, exported in the 9 months ending September 1940.

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Exports of Manufactured Asbestos Goods:

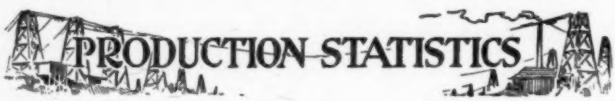
	9 mos. ending Sept. 1940		9 mos. ending Sept. 1941	
	Quantity	Value	Quantity	Value
Paper, Mlbd. & Rlbd. lbs.	1,506,510	$129,611	2,303,233	$149,094
Pipe Covg. & Cement lbs.	2,438,452	116,314	1,321,802	72,945
Textiles & Yarn ..... lbs.	494,189	160,491	471,817	155,608
Packing ..... lbs.	1,171,906	609,896	1,665,124	749,637
Brake Lining—				
Molded & Semi-molded		502,146	.....	633,313
Not molded ..... lin. ft.	505,047	108,665	520,164	110,170
Clutch Facings—				
M'lded & S-m'lded units	130,825	52,173	257,067	91,041
Woven ..... units	132,140	45,841	375,258	114,995
Magnesia & Mfrs. of lbs.	2,207,796	175,892	2,942,550	213,996
Asbestos Roofing ..... sqs.	45,294	249,897	65,213	270,335
Other Manufactures lbs.	4,181,373	373,948	5,944,266	450,749

—:—

Bolivia

(From Mineral Trade Notes, published by U. S. Dept. of Interior)

Bolivia exported 43,995 gross kilos (approximately 48½ short tons) of asbestos during the month of September.



Africa (Union of South)

(Statistics by Dept. of Mines and Industries of U. of S. A.)

	July 1940 Tons (2000 lbs.)	July 1941 Tons (2000 lbs.)
Transvaal		
Amosite	926	1,605
Blue	266	26
Chrysotile	18	136
Cape		
Blue	509	541
	1,719	2,308
	August 1940 Tons (2000 lbs.)	August 1941 Tons (2000 lbs.)
Transvaal		
Amosite	1,703	1,755
Blue	150	23
Chrysotile	92	219
Cape		
Blue	543	573
	2,488	2,570

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CURRENT RANGE OF PRICE

As of February 10, 1942

Canadian—	Per Ton (2000 lbs.) f.o.b. Mine (In U. S. Funds)
Group No. 1 (Crude No. 1)	$650.00 to $750.00
Group No. 2 (Crude No. 2; Crude Run-of-Mine and Sundry)	165.00 to 385.00
Group No. 3 (Spinning or Textile Fibre)	124.00 to 233.50
Group No. 4 (Shingle Fibre)	62.50 to 82.50
Group No. 5 (Paper Fibre)	44.00 to 49.50
Group No. 6 (Waste, Stucco or Plaster)	33.00 to 34.00
Group No. 7 (Refuse or Shorts)	14.50 to 29.50

Vermont—	Per Ton (2000 lbs.) f.o.b. Hyde Park, Vt.
Shingle Fibres	$62.50 to $65.50
Paper Stock Fibres	44.00 to 53.00
Waste	33.00
Shorts	14.50 to 28.50
Floats	19.50

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 grade 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.)

		January 1942		
	Par	Low	High	Last
Armstrong Cork Co. (Com.)	np	21	26½	25¼
Asbestos Corp. (Com.)	np	18	19	18¾
Celotex (Com.)	np	7⅝	8¼	8
Celotex (Pfd.)	100	69¼	72½	72
Certainteed (Com.)	1	1¾	2⅜	2⅛
Certainteed (Pfd.)	100	23¼	29	28⅝
Flintkote (Com.)	np	9¼	10	9¾
Flintkote (Pfd.)	100	95	97½	95½
Johns-Manville (Com.)	np	55½	59¾	56⅝
Johns-Manville (Pfd.)	100	122	124	123
Raybestos-Manhattan (Com.)	np	15½	17¼	16½
Ruberoid (Com.)	np	16¼	18	17¾
Thermoid (Com.)	1	3	4½	3¾
Thermoid (Pfd.)	10	30	35	33½
U. S. Gypsum (Com.)	20	43	48	46
U. S. Gypsum (Pfd.)	100	165	175	170

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THIS and THAT

A new world's record for pouring concrete has recently been made at the Shasta Dam project, Redding, Calif., when 11,790 cubic yards of concrete were poured in 24 hours. Three cableways equipped with General Electric motors and variable-voltage control were largely responsible for this.

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Non-metallic mineral production in Canada during 1941 (other than fuels), reached a value of $31,616,000, a gain of 21.5% over the previous year.

—:—

The inner shell of the hub cap of an automobile costs about 12 cents when made by machinery. But the machinery required to make it costs $43,500.

—:—

"Perlite" is claimed to be a newly discovered insulating material, and is being developed by L. Lee Boyer of Superior, Ariz. The process used is an exploding one and the exploded material is said to be pure white, fluffy and free of impurities. A large deposit of the raw material is found near Superior.

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What is "puff" asbestos? An article in a recent issue of Sheet Metal Worker describes the method of insulating warm-air ducts, stating that Dux-Sulation was used, except at elbows and connections to register boxes where *puff* asbestos was used to insure complete protection against cold air currents.

—:—

We are a peaceful people who covet neither conquest nor power . . . . We believe in work and pain and sacrifice, and out of these we have built a promising civilization . . . . the fundamentals of what we call our way of life are an expression of our ideals and beliefs, and for these we are prepared to suffer any ordeal—"The Shaft".

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ASBESTOS R M TEXTILES

WORK and DEFENSE

AS AMERICAN PREPARATION FOR DEFENSE INCREASES IN EFFORT THE IMPORTANCE OF WORKING HARDER GROWS CLEARER. EVERY INDIVIDUAL CAN HELP BY DOING HIS ALLOTTED TASK, IN GIVING SUPPORT TO GOVERNMENT, IN VOICING UTTERANCES IN DEFENSE OF OUR COUNTRY'S PRINCIPLES OF LIBERTY AND FREEDOM. **RAYBESTOS-MANHATTAN** IS PROUD TO ASSERT THAT ITS PERSONNEL IS FIRED WITH DETERMINATION TO GIVE PRIORITY IN SERVICE TO OUR COUNTRY'S NEED FOR THE UTMOST IN QUALITY AND QUANTITY OF ASBESTOS MATERIALS FOR DEFENSE.

RAYBESTOS-MANHATTAN, INC.
INDUSTRIAL SALES DIVISION
FACTORIES
BRIDGEPORT, CONN. NO. CHARLESTON, S. C.
MANHEIM, PA. PASSAIC, N. J.

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