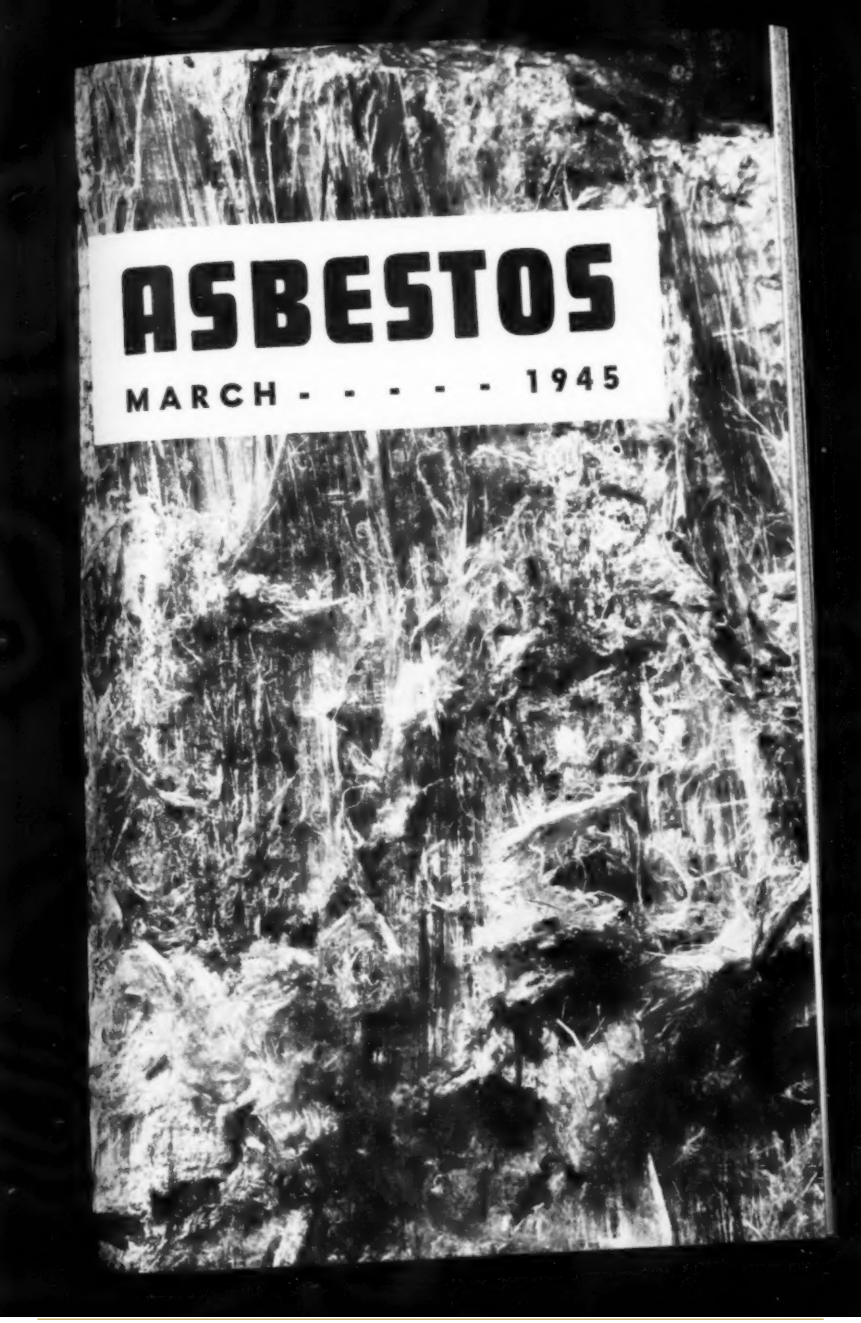


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ASBESTOS RM TEXTILES

"FOR HIGH ACHIEVEMENT"

NOT ONLY DOES THE ARMY-NAVY **"E"** PENNANT FLY OVER EACH OF THE FOUR **RAYBESTOS-MANHATTAN, INC.,** PLANTS BUT IN EVERY CASE THE PENNANT BEARS ONE OR MORE WHITE STARS, SYMBOLIZING RENEWAL AWARDS FROM THE WAR DEPARTMENT FOR "CONTINUED HIGH ACHIEVEMENT IN THE PRODUCTION OF WAR MATERIEL." THESE STAR-STUDDED **"E"** FLAGS ARE OUR REPORT TO THE HUNDREDS OF **RAYBESTOS-MANHATTAN** WORKERS IN THE ARMED SERVICES. AND, WITH EACH RENEWAL AWARD, WE SOLEMNLY REAFFIRM OUR PLEDGE TO MAINTAIN OUR PACE AND OUR STANDARDS OF PRODUCTION UNTIL FINAL VICTORY.

RAYBESTOS-MANHATTAN, INC.
INDUSTRIAL SALES DIVISION
FACTORIES
BRIDGEPORT, CONN. NO. CHARLESTON, S. C.
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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

Estate of C. J. STOVER, *Proprietor*
A. S. ROSSITER, *Editor*
E. E. COX, *Circulation Manager*

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1945--THE PLANNING STAGE

By Stuart H. Ralph, Vice President, The Flintkote Co.

Irrespective of the length of the war, whether we achieve Victory in Europe in 1945 or have to fight longer in that theater of operations—the current year will be a planning year that augurs well for the future of the building industry once Victory is won.

On all sides we see evidences of the first step in any construction—the blue print stage. We note that twenty-four states are getting ready with over One Billion Dollars of works programs; that another block of skyscrapers is to be added to New York's Rockefeller Center.

Economists tell us every man, woman and child in the country will have, on the average, savings of $1,000 or more per person at the war's end. Sixty-one to eighty-four per cent of the families in the United States are now saving money, paying off mortgages, buying bonds and insurance. And takers of public opinion, in survey after survey, reveal that the American public plans to use a very sizeable share of the huge wartime savings in building new homes or modernizing present ones. On the farms of the country our rural population waits only for the availability of materials and manpower to start the greatest building boom in the history of that market.

The building industry—heavy construction and light construction—undoubtedly faces many adjustments and difficulties during 1945, based on the vicissitudes of a global war. But just as certainly as the Nation is on the road to Victory so too is the building industry on the road to a peacetime era of great activity and usefulness. The plans for that era are being made now.

. . . —

You can always tell a true American by his attitude when offered a defense job. He turns up his sleeves, not his nose.

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ERIC JOHNSTON ON "Intolerance"

The address given by Eric A. Johnston, President of the Chamber of Commerce of the United States, before the Writers' War Board, on January 11th, on the subject of "Intolerance" is well worthy a few moments of your time for reading and study.

No matter what your ideas, opinions or prejudices on the subject may be, you will find much firm common sense in what Mr. Johnston says.

A few extracts from the address follow:

Race Hatreds and group intolerance simply do not jibe with any of the formulas of freedom so dear to the American heart.

. . . —

If the day ever comes in this country when tolerance gives way to internal enmities and persecutions and discriminations, it will be the end of American civilization.

. . . —

Intolerance is destructive. Prejudice produces no wealth. Discrimination is a fool's economy.

. . . —

The American fuses in his blood and his spirit the virtues and vitalities of many races, creeds, and cultures—giving us an amalgam that is new, unique, and immeasurably strong.

. . . —

Let's not apologize for the amazing variety of our human material here in America. Let us rather glory in it.

. . . —

In Unity there is strength; in good will there is prosperity; in tolerance there is progress—progress towards a better and a happier America.

But we suggest that you write the Chamber of Commerce at Washington for a copy of the address.

Business must have assurance of its chance to maintain its own security if it is to give its employees assurance of their security.—Eric A. Johnston.

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ASBESTOS--THE LIFE SAVER

By Gerard B. Dobben

Soon it will be possible to add to the long and impressive record of asbestos in the saving of life and property, the accomplishments of another humanitarian project —scheduled for early postwar realization.

The Safety Bureau of the Civil Aeronautics Board, Department of Commerce, has announced tentative plans for installing a voice recorder in the tail of commercial transport planes. The recorder, which will be about 24 inches long by 12 inches wide and 12 inches high, is to be encased in an asbestos covering[1] to protect the recording device against fire in the event of a plane crash.

Thus asbestos is expected to play an important part in helping to solve the cause of plane crashes to the end that the air transport industry and the government officials who are responsible for safety regulations may have the benefit of the last words of the pilots when a crash or crackup occurs.

During the course of the last ten years while commercial air transportation has grown into a major industry, there have been a number of serious air line crashes, some of which have claimed the lives of all aboard the plane. In many of these instances, Civil Aeronautics Board investigators were able to find only meager clues as to the probable cause of the mishap.

The airline industry recalls with a certain degree of horror a series of these mysterious crashes in the Rocky Mountain area west of Denver. The cause or causes of these crashes are still unsolved. Their effect on airline travel, was so bad that even the ticket agents of some of the major airlines had the jitters for many days. Some technicians in the industry attributed them to failure of the radio to perform accurately and efficiently because of mineral deposits in the mountains.

Days, sometimes weeks, have gone by before the wreckage of a plane has been discovered. By the time investi-

[1]Editor's Note: Presumably Asbestos Cloth.

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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

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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.



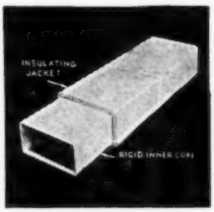
Hair Felt Insulation For sub-zero.

CAREYDUCT—

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

INSULATED AND ACOUSTICAL TYPE—

Made of Asbestos Fibre—combines both duct and insulation. Simple slip-joint construction and standardized parts provide easy and rapid fitting on job.



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gators are able to arrive at the scene and examine scattered bits of the wreckage, the elements may have destroyed the clues which might have revealed the cause of the mishap. This is especially true where icing of the wings is involved. Like a criminal hastily disappearing from the scene of his crime, ice may soon melt away to leave no telltale clues behind.

Testimony of the pilots in most cases would have bridged this gap and made possible an analysis of the conditions and circumstances which caused the accident. From the information thus obtained, the investigators might have obtained data upon which to base their recommendations for remedial measures and so avoid a repetition of the disaster. But dead pilots do not talk.

As a result of this need, there has been developed a wire voice recorder and when the war is over, Safety Bureau Officials of the Civil Aeronautics Board hope to write a regulation which will make this a standard piece of equipment on all transport planes.

This recording device has been used effectively in correcting instructional methods in the training of military aviators. By playing back the record, Civil Aeronautics Adminstration officials have found that some of their instructors were to blame for a pilot's unfavorable performance and reaction record because of the nature or tenor of the instructions which were given.

An adaptation of this recording device would be placed in the tail of the plane. The wires would lead from the recorder to the pilot quarters and every word spoken by the pilots during flight would be recorded as well as all messages received from airport control towers.

Thus two pilots, desperately trying to keep a plane aloft, would leave a record of their actions, the instructions and advice that they had given to each other in those last minutes and seconds. These last few words might well provide all of the information needed to ascertain the cause for the crash. In most cases, the running conversation possibly for minutes, or even an hour before, might be valuable because it would represent the action and efforts of the

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ASBESTOS

in the all-out drive for Victory

In every important war industry and in the production of almost every vital unit of military or naval equipment one or more of Johns-Manville's 1200 products is being used. Twenty-four hours a day, seven days a week they are pouring forth from the J-M factories . . . helping to hasten the ultimate victory that will assure the continuation of the free way of life that has made America great.

Johns-Manville owns and operates Asbestos Mines in Arizona and Canada, fifteen 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.

For complete information on J-M Asbestos Products or raw asbestos in a wide range of grades and fiber lengths, write to any J-M office or distributor.

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Branches in All Large Cities

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pilots when the danger was first realized. Such a record might be of inestimable value to the investigators.

Planes by the nature of their construction tend to land, when out of control, nose first. Thus the front end of the plane bears the brunt of the damage. With the recorder in the tail, the possibility of damage to it would be lessened. Protected by asbestos covering, it would be preserved in case of fire.

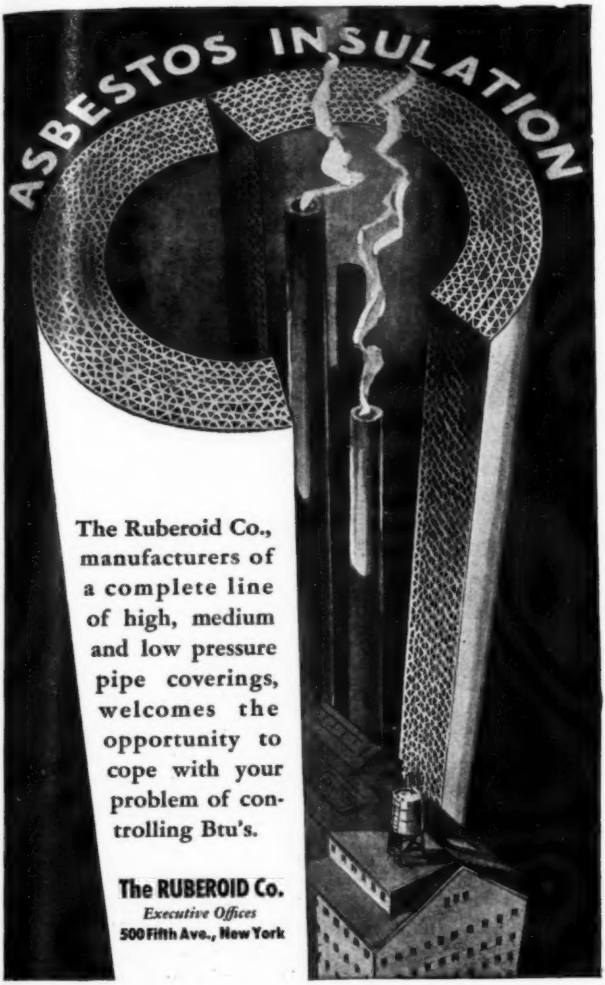
Measured as a possible source of new business in the postwar era, this prospective use of asbestos must be considered as just another aid in developing a wider and ever growing market. It is estimated conservatively that some 6,000 to 7,500 passenger transport planes will serve America's needs in the 10 years following the war, both in domestic and international operations.

However it must be remembered that civilian use of this recording device may well suggest a similar need in military operations. Without a doubt, many an airforce commander would like to have had a few "last words" from some pilot to guide him not only in filing his report of the accident but also in taking the steps which might result in avoiding a similar fate for other members of his command.

Airline crashes, tho they are growing less frequent each year, are still page one material for most newspapers. Usually important personages are passengers on every flight because air transportation is such a time saver and to important people time is money. This type of publicity always has its reaction in a marked falling off in airline use for days, sometimes weeks and months. Hence every device that may help to solve the mysteries cloaking these air tragedies is welcomed by the industry and asbestos in its minor role may be the means of some day bringing back a voice from the dead so convincing that countless other lives may be spared a similar fate.

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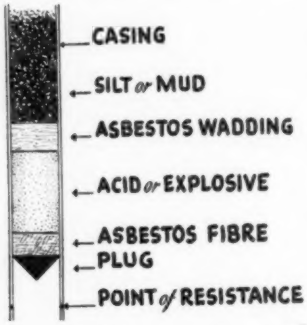
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SALVAGING PIPE

F. R. Cozzens

Because of the critical metal situation in this country, thousands of tons of pipe are being salvaged from abandoned oil and gas wells. This pipe, commonly known as "casing," is of diameters ranging from three to sixteen inches, and is molded into sections, twenty feet in length. The sections are coupled together to form "strings," which extend hundreds and sometimes thousands of feet into the earth.

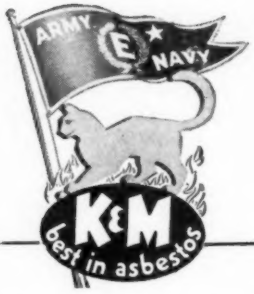
A string of casing is not only a lucrative source of scrap iron and steel, but a considerable part of it can be quickly reconditioned for various industrial uses both here and abroad. The weight of pipe thus retrieved from an abandoned well averages around two tons, and since there have been more than 22,000 abandonments in the principal oil and gas producing states since 1941, the cash value of the material obtained has run well into millions of dollars.



Casing-pulling, as it is termed in the industry, is a much complicated process, requiring a mechanically powered derrick strung with wire cable and blocks of a size sufficient to withstand a lift of many tons. To this array of mechanical power is now being added two supplementary aids—acids and explosives in order to release stubborn strings which have, in many cases, been embedded for years in mud, silt, or cement.

Results of this underground application of either acids or explosives, as well as the termination of the entire project are generally determined by the operator's ability to confine the agent to a neutral zone, immediately above the point of resistance. In making this selective confinement now successful in more than ninety per cent of the

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Manufacturers of a complete line

ASBESTOS-CEMENT SHINGLES	ASBESTOS-CEMENT SIDING
ASBESTOS-CEMENT WALLBOARDS	ASBESTOS MARINE INSULATIONS
ASBESTOS ELECTRICAL MATERIALS	ASBESTOS-CEMENT PIPE
ASBESTOS AND MAGNESIA PIPE AND BLOCK INSULATION	ASBESTOS PAPER & MILLBOARD
	ASBESTOS TEXTILES
ASBESTOS PACKINGS	ASBESTOS LUMBER
ASBESTOS CORRUGATED	ASBESTOS ACOUSTICAL MATERIAL

Today, all of these K&M products are playing an important role in the War Program; contributing in many different ways to its ultimate success. For the duration, the Nation will continue to have first call on all K&M plants and employees.

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

KEASBEY & MATTISON COMPANY, AMBLER, PENNA.

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cases, a very novel and leading part is being played by asbestos materials.

The acid treatment is usually applied to wells where the casing has been seated in cement. A tapered, wooden plug, slightly smaller than the diameter of the casing is driven down inside the pipe to a depth extending one foot below the top point of resistance. A wadding of asbestos fibre, bound up in twine is next forced down inside the casing, and tamped until its column extends six to ten inches above the top of the plug. A tinned container, into which is poured five to ten gallons of hydrochloric acid, is then dropped down upon the fibre mass. The sole purpose of the container, is to prevent the acid from touching the casing until the desired area is reached, and invariably collapses upon arrival at its destination.

After measurements have been taken, a similar mass of asbestos fibre is saturated in an alkaline (sodium) solution, and pushed carefully down the pipe until it reaches a point a few inches above the acid level. The treated well is then marked and left standing until the acid has consumed the pipe at the designated point (the process requiring one to ten days) after which the derrick is rigged over the hole and the casing retrieved. The purpose of the asbestos fibre at the base of the acid reservoir is to provide a neutral confining buffer, and the alkali-soaked fibre which was placed over the pack checks and neutralizes the acid-level which rises immediately thru chemical action of the acid upon the metal pipe. The result is a clear-cut release of the string, and corrosion of the pipe seldom extends more than three inches above the area of resistance.

Explosives are used generally upon strings of casing where pulling time is restricted, or where mechanized equipment is inadequate for the job. The procedure is carried out by first rigging the derrick over the well, and exerting a power lift upon the pipe to ascertain the point of resistance. This is determined by the amount of "stretch" the casing yields without releasing from the base. Resisting point having thus been located, a wooden plug, topped with asbestos fibre, similar to the type used in acid treatment is forced down the casing until the point of resistance has been passed by six to ten inches. Upon the fibre is lowered a torpedo shell containing ten pounds of gelatin dyna-

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MEANS PROGRESS IN INSULATION
AND RUBBER CO.

INSULATION
FOR MARINE, RAILROAD,
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TWO ARMY-NAVY "E" AWARDS FOR EXCELLENCE IN WAR PRODUCTION
ONE TO THE CICERO, ILLINOIS PLANT; ONE TO THE PATERSON, N. J. PLANT

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Offices: CHICAGO, NEW YORK, SAN FRANCISCO • Plants: CICERO, ILL., BLUE ISLAND, ILL., PATERSON, N. J.

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mite or its equivalent in nitro-glycerine. Incidentally, this shell is often made on the job from a four foot length of asbestos-cement pipe, four inches in diameter, and closed at the bottom with cement. The practice not only saves tinned-metal and aluminum, commonly used for the purpose but it practically eliminates the danger of premature detonation from friction while the explosives are being lowered into position. The loaded shell is lowered on an insulated wire cable, the base end of which connects with an electric blasting cap, placed in the pack. Loading is completed by forcing down upon the shell a second wadding of asbestos fibre, which is stemmed with 20 to 30 pounds of silt or mud. Detonation of the charge by battery breaks the casing at resisting point. Force is confined efficiently between the upper and lower waddings of asbestos fibre, and as a secondary benefit, the upper wadding prevents intense heat, generated by the blast, from rising above the chamber and damaging recoverable pipe.

These methods of utilizing acids and explosives are enabling oil and gas operators to salvage from wells 60 to 90 percent more casing than was formerly done, and there is a substantial saving in mechanical equipment.

Asbestos aids, however, do not terminate with the lifting of casing to the surface. Pipe sections, worthy of being reconditioned are again joined together and cleaned of interior residue by the induction of raw (super-heated) steam. Each section during this process is insulated with asbestos pipe covering to retain necessary temperatures and to prevent warping of the metal from sudden exposure to outside temperatures. For cleaning purposes some plants use a swab made of asbestos yarns fitted to a wooden disc, which is forced thru the interior of the pipe by air pressure. Certain sections are reconditioned with an inside lining of cement and asbestos fibre. Outside surfaces are cleaned of rust scales with asbestos felt, saturated with rust-solvent and sprinkled with emery dust. Threaded ends of pipe sections are protected in shipping with asbestos-rubber tape and welded joints are coated with asphalt paints. By these and divers minor aids, asbestos is serving in the wartime recovery of pipe; saving critical metals, and making possible the use of necessary industrial materials in the post war years of reconstruction.

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MARKET CONDITIONS

GENERAL BUSINESS

The situation in general business has changed very little since last month.

Altho the war situation is much more satisfactory, that has made no change in the demand for stepped up production of war equipment, and no lessening in the restrictions on reconversion to civilian manufacture.

Even when the European war ends, which it seems likely to do before many more months pass, there will be much to do in Japan, and large quantities of war material will be needed, while rehabilitation in the European countries will require much in the way of machinery, and other commodities. Witness WPB Release 7399 advising that the War Production Board has allotted materials to the Foreign Economic Administration for the production of 30,000 pre-fabricated temporary emergency houses for England. This is only the beginning.

ASBESTOS - MANUFACTURED GOODS

There has been a shortage of freight cars in Canada and consequently shipments of asbestos from the Canadian mines were not as large during the past month as they might have been if freight conditions had been normal. Demand for all grades of Canadian Fibre is still high.

Crudes and spinning fibres will be scarce as long as the present Government program continues; other grades will be plentiful while the present labor shortage exists.

There will, of course, be a reduction in demand for textile fibres after the war but it is anticipated that a substantial percentage of this will be picked up in world markets.

Shingle fibres will undoubtedly be in good demand after the war, probably a shortage in that grade. Increased demand for fibres in grades below shingle is also expected in the post-war period.

As to Rhodesian, Amosite and Blue Asbestos, ample stocks of these exist in this country at present, as well as large stocks of short grade Russian.

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ASBESTOS

ASBESTOS CORPORATION LIMITED

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Asbestos Textiles. There is no change in the present textile market. One of our readers tells us that the outlook for asbestos textiles in the post-war market is encouraging, his company's survey indicating a demand two years after the end of the war, and continuing for some time, approximately 20% higher than the 1940 figure. This demand will, naturally, depend considerably on government regulatory measures on business as a whole—which is mere conjecture at present.

Brake Lining. During 1944 the manufacturers of brake lining enjoyed the largest sale in the history of the Brake Lining Manufacturers Association—$62,000,000 in fact. It is expected that hesy will hold close to that figure for at least two to three years after the war, with a tapering off thereafter to probably 40 or 50 million.

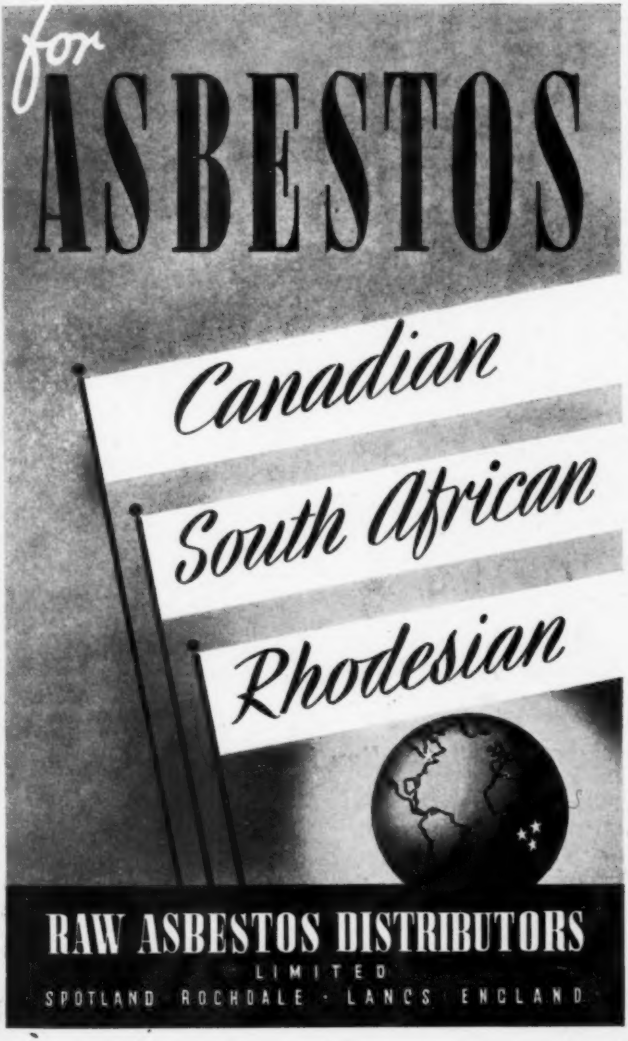
January sales increased not only over the same month last year but also over December, 1944. Domestic consumption sales were the highest during the past 10 years when the month of January is considered. Exports increased over January, 1944 as well as over December, with sales to Latin American contractors showing the greatest increase in volume.

Asbestos Paper. Demand for asbestos paper continues good; prices on the whole are firm altho softening is reported from a few areas. One manufacturer reports that they are operating about five weeks behind in paper shipments, and anticipate good business during the remainder of the year. It is expected that post-war building will keep the level of asbestos paper business high.

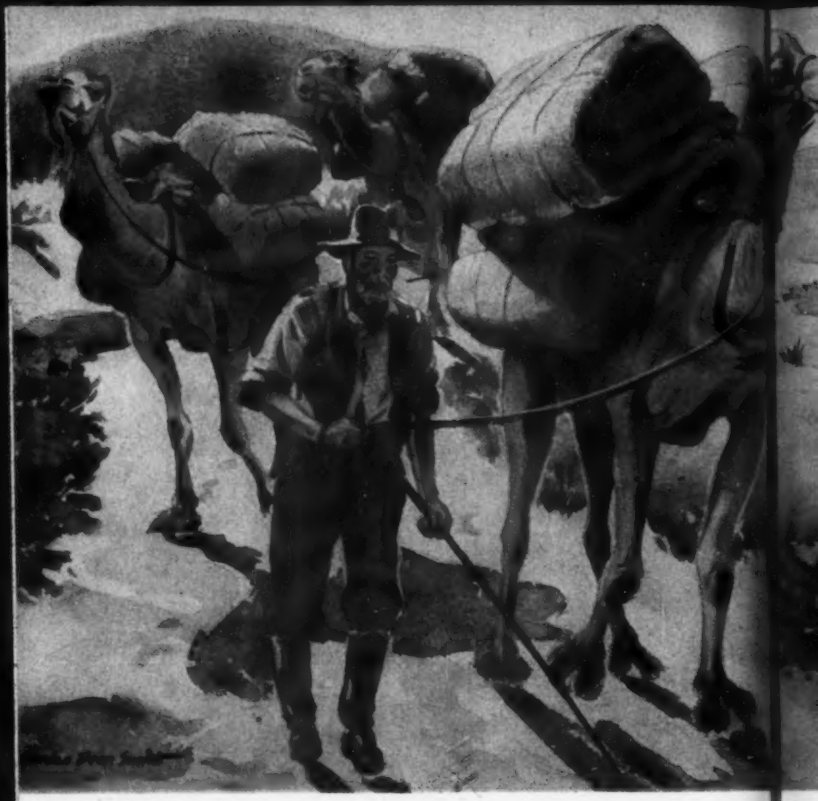
Asbestos Millboard. Good demand is reported in the market for millboard, altho it has decreased somewhat in the past sixty days.

Insulation. High Pressure. In this market demand still exceeds production, one manufacturer reporting shipments eight to twelve weeks behind production. Based on needs for ship repair, general reconversion and new building, demand after the war should continue very good for some years.

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UP—FROM W

"Australian Blue" Asbestos comes to A—

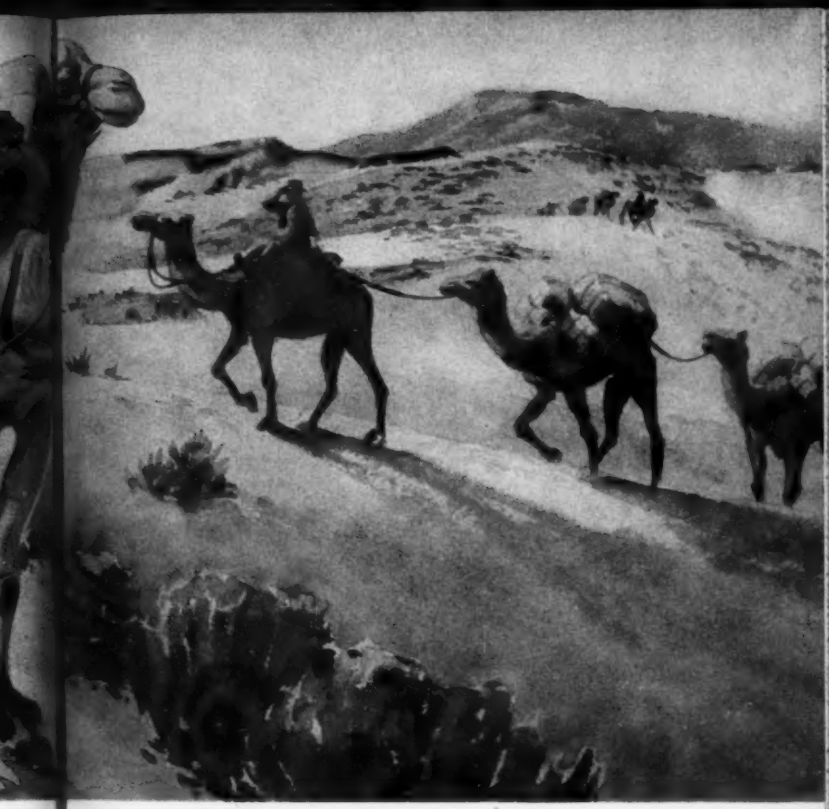
Deep in the rain-starved Great Plateau area of Australia lie quantities of fine high-grade Blue Asbestos. 200 miles of arid desert challenge its transportation to the sea . . . 200 miles of sand and heat, to test the mettle of men who mine this precious mineral. When trucks are no longer available, trusty camels — "ships of the desert" — are called into service, carrying water and food into the mines — returning to the sea with valuable cargoes of Asbestos. Then begins the long voyage of 12,000 miles to America, where this fine

ASBESTOS IT

8 WEST 40th STREET, NEW YORK, N. Y. . . . JOHANNE OUT

EVERY TYPE OF RAW ASBESTOS CARRIED IN STOCK: ARIZONA • AUSTRALIAN • BOLIVIAN

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OM WN UNDER

s to A — *from below the Tropic of Capricorn*

"Australian Blue" is used in a large measure in war production. ★ ★ ★ ★ ★

In spite of the tremendous hardships and problems of transportation, vital raw Asbestos is brought to America by Asbestos Limited Inc., the only company in America that specializes in the supply of raw Asbestos from every known source . . . to provide the right type of Asbestos for every specific need—for American industry and Victory!

If you are manufacturing for war purposes, possibly we can assist you to conserve asbestos . . . and to obtain better results. Your inquiries will receive our prompt attention.

STO ITED INC.

HANN OUTH AFRICA . . . WORKS: MILLINGTON, NEW JERSEY

OLIVIAN • CYPRUS • INDIAN • RHODESIAN • RUSSIAN • SOUTH AFRICAN BLUE AND YELLOW

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JOHNSON'S COMPANY

ESTABLISHED IN 1875

Head Office

Thetford Mines, P. Q., Canada

Mines

Thetford Mines, Quebec
Black Lake, Quebec

Producers of All Grades of

RAW ASBESTOS

AGENTS

GREAT BRITAIN	A. A. BRAZIER & CO. 203 Winchmore Hill Road London, N. 21, England
CHICAGO 4, ILL.	GRANT WILSON, INC. 141 West Jackson Boulevard
NEW YORK, N. Y.	CONNELL ASBESTOS MFG. CO. 165 Clymer Street Brooklyn, N. Y.
SAN FRANCISCO, CALIF.	LIPPINCOTT CO., INC. 461 Market Street

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Insulation. Low Pressure. Activity in this market has been increased since the first of the year. The market, when present production is considered, is regarded as satisfactory. Post-war market is expected to be good, because building activity in the types of buildings using low pressure insulation will undoubtedly be very high at that time.

Asbestos-Cement Products. There is practically nothing new to report in connection with market conditions on Asbestos Cement Products. All producers are oversold on shingles, flat sheets and corrugated and production continues to be limited by labor supply.

The market for shingles after the war will depend on when activity in the higher priced housing field begins.

Markets in corrugated and flat materials should be greater after the war than before because these materials have become more familiar to individuals, architects and contractors in the intervening period. Markets other than industrial—farm for instance—are being presently developed and this of course will be continued and increased efforts along these lines made..

There is no change in the situation on asbestos pipes; when war restrictions are lifted demand for asbestos pipes will greatly increase.

The comments given above have been sent us by men closely in touch with the respective markets. All opinions on the subject are welcomed.

. . . —

Of all the things you wear, your expression is the most important.

ASBESTOS CEMENT CHEMIST

Experienced in manufacture of cement asbestos products. Research and development. Company has excellent post war future. Wonderful opportunity for the right man. Location—Metropolitan New York area. Send complete resume, including draft status, to Box No. 2F-N, "ASBESTOS", 17th Fl., Inquirer Bldg., Phila., 30, Pa.

WANTED

First-class man for sales and engineering work in Insulation Sales and Construction work. Prefer engineering graduate, age 35-45, with at least six years' experience. Fine salary. Position vacant. Reply by letter stating experience and salary expected and availability. Also be prepared to give references. Address Box 12W-F, "ASBESTOS" 17th Floor, Inquirer Bldg., Phila., 30, Pa.

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CONTRACTORS AND DISTRIBUTORS PAGE

BUILDING

Total construction during January 1945, in the thirty-seven states east of the Rocky Mountains aggregated $140,949,000 compared with $159,238,000 in January 1944. Of this residential construction amounted to $19,536,000 compared with $40,997,000 last year. These figures are supplied by F. W. Dodge Corporation.

POST-WAR IN CONSTRUCTION

The construction industry has a capacity to be operating at a rate which will provide approximately 2,400,000 jobs at the site and stimulate the employment of 5,000,000 others off the site by a year after the end of the war, provided plans and specifications are drawn up in advance so that an immediate start can be made on hundreds of projects when conditions permit.

This is the view of H. E. Foreman, managing director of the Associated General Constractors of America.

There are all kinds of contsruction projects—new factories, highways, homes and water systems—which are necessary. In order that work may start on them when employment is needed most, competent architects, engineers, contractors, public officials, business leaders, and others must translate dreams into blue prints, specifications and working plans in advance.

• • • —

The 26th edition of Automobile Facts and Figures has recently been issued by the Automobile Manufacturers Association, New Center Building, Detroit 2, Mich. This 68 page booklet contains a vast amount of data as to the work of the automobile manufacturers in 1944, in tabular and graph form. It lists the many war products manufactured by the Automotive Industry.

Incidentally 1944 traffic fatalities totalled 23,800 against 23,830 in 1943 and 28,309 in 1942.

WANTED

First class man for engineering and estimating on insulation contract sales work connected with war effort. Philadelphia territory. State age, experience and salary expected. Write Box 1U-P, "ASBESTOS", 17th Fl., Inquirer Bldg., Philadelphia, 30, Pa.

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AREA OF BODIES FOR VALVES, TEES and ELLS

600 LB. SERIES (V.T.&E.)

PIPE SIZE	METAL AREA	1" *	1½" *	2" *	2½" *	3" *	3½" *	4" *	LENGTH OF BODY
½"	.10	.24	.38	.52	.66	.79	.93	1.07	5¼"
¾"	.14	.29	.44	.59	.74	.88	1.03	1.18	5⅝"
1"	.21	.41	.60	.79	.98	1.17	1.37	1.56	7¼"
1¼"	.30	.51	.72	.93	1.14	1.34	1.55	1.76	7⅞"
1½"	.36	.59	.82	1.05	1.28	1.50	1.73	1.96	8⅜"
2"	.50	.76	1.01	1.26	1.51	1.76	2.02	2.27	9½"
2½"	.61	.87	1.13	1.39	1.65	1.91	2.17	2.42	9¾"
3"	.89	1.20	1.50	1.81	2.11	2.41	2.72	3.02	11½"
3½	1.13	1.47	1.81	2.14	2.48	2.81	3.15	3.49	12¾"
4	1.38	1.76	2.13	2.50	2.87	3.24	3.62	3.99	14"
5	2.02	2.46	2.90	3.33	3.77	4.20	4.64	5.08	16½"
6	2.63	3.13	3.62	4.12	4.61	5.10	5.60	6.09	18¼"
8"	4.09	4.67	5.25	5.83	6.41	6.98	7.56	8.14	21⅝"
10"	6.14	6.84	7.53	8.22	8.91	9.60	10.30	10.99	26"
12"	7.75	8.47	9.19	9.91	10.63	11.35	12.07	12.79	27¾"
14"	9.03	9.81	10.58	11.36	12.13	12.90	13.68	14.45	29½"
16"	11.55	12.41	13.27	14.13	14.99	15.84	16.70	17.56	33"
18"	14.39	15.35	16.31	17.26	18.22	19.17	20.13	21.09	36½"
20"	17.50	18.54	19.58	20.62	21.66	22.70	23.74	24.78	40"
24"	24.68	25.91	27.13	28.35	29.57	30.79	32.03	33.24	47"

*Denotes sq. ft. area at thickness shown from metal. Use metal area for first layer of blocks.

Tenth in the series of Area Tables compiled by Elbert R. Sitton.

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CURRENT RANGE OF PRICE

As of March 10, 1945

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 260.00
Group No. 4 (Shingle Fibre)	62.50 to 90.00
Group No. 5 (Paper Fibre)	44.00 to 53.00
Group No. 6 (Waste, Stucco or Plaster)	33.00 to 35.00
Group No. 7 (Refuse or Shorts)	14.50 to 30.00

Vermont—	Per Ton (2000 lbs.) f.o.b. Hyde Park, Vt.
Shingle Stock Fibres	$62.50 to $65.50
Paper Stock Fibres	44.00 to 54.00
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).

		February 1945		
	Par	Low	High	Last
Armstrong Cork Co. (Com.)	np	45	47¾	46¾
Asbestos Corp. (Com.)	np	20½	22½	21
Celotex (Com.)	np	15¾	17	16½
Celotex (Pfd.)	20	19¼	20	20
Certainteed (Com.)	1	8⅛	9	9
Certainteed (Pfd.)	100	140	153½	153½
Flintkote (Com.)	np	25¼	29⅜	28⅜
Flintkote (Pfd.)	np	105	111	107½
Johns-Manville (Com.)	np	108	113	112
Raybestos-Manhattan (Com.)	np	35⅞	37¼	36½
Ruberoid (Com.)	np	36	39	38
Thermoid (Com.)	1	10⅜	11½	11⅜
Thermoid (Pfd.)	10	55	55⅞	55⅞
U. S. Gypsum (Com.)	20	81	86	85½
U. S. Gypsum (Pfd.)	100	181½	186	184
U. S. Rubber (Com.)	10	53¼	60⅜	59⅞
U. S. Rubber (Pfd.)	100	151	160⅞	159½

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TO COMPANY PRESIDENTS:



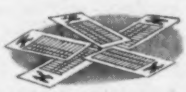
Today—thanks largely to you and other industrial executives—22,000,000 civilian workers are speeding victory and achieving postwar security through the Payroll Savings Plan. Over 60% of the 6th War Loan subscriptions came from this source—and, between drives, this forward-looking plan has been responsible for 3 out of 4 War Bond sales!

Good as this record is, the Payroll Savings Plan can be made more effective by giving Bond buyers a definite idea of the many benefits accruing to them. To accomplish this the War Finance Division has prepared a variety of active aids—*an entertaining moving picture, an interesting booklet and a handy War Bond envelope.*

Passing this particular "ammunition" requires that you reappraise your own company's Payroll Savings Plan. Have your own War Bond Chairman contact the local War Finance Committee—today! They will welcome the chance to discuss this new program with you.







The Treasury Department acknowledges with appreciation the publication of this message by

"ASBESTOS"

17TH FL. INQUIRER BLDG., PHILADELPHIA, 30, PA.

This is an official U. S. Treasury advertisement prepared under the auspices of Treasury Department and War Advertising Council

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NEWS OF THE INDUSTRY

BIRTHDAYS

E. W. Smith, Vice President and Director of Sales, Philip Carey Mfg. Co., Lockland, Cincinnati, Ohio, March 17.

John H. Balch, Secretary, Union Asbestos & Rubber Co., Chicago, Ill., March 22.

W. C. Bowman, District Manager, Philip Carey Mfg. Co., Philadelphia, Pa., March 30.

Paul G. Charbonnet, Partner, R. J. Dorn Company, New Orleans, La., March 23.

F. V. S. Smith, Director and Secretary, Hodgson & Hodgson, Ltd., Carrington, Nottingham, England, March 29.

Glendon A. Richards, President, Richards Mfg. Co., Grand Rapids, Mich., April 1.

G. M. Williams, President, Russell Mfg. Co., Middletown, Conn., April 6.

Dr. J. A. Johnson, President, Johnson's Co., Thetford Mines, P. Q., Canada, April 7.

J. H. Kuhns, Vice President, Union Asbestos & Rubber Co., Chicago, Ill., April 9.

J. M. Weaver, Textile Research & Development Engineer, Raybestos-Manhattan, Inc., Manheim, Pa., April 14.

Philip A. Meyer, Treasurer, Sall Mountain Co., New York City, April 16.

We extend congratulations and best wishes to these gentlemen on the occasion of their birthdays.

• • • —

REGINALD L. JOHNSON has been appointed Senior Advertising Manager of Johns-Manville. Mr. Johnson will act as Assistant to Vice President Harry M. Shackelford (in charge of advertising and sales promotion) in connection with all activities of the Advertising and Sales Promotion Department. Mr. Johnson has been identified with J-M merchandising and sales plans as well as dealer promotion programs for a number of years.

ARTHUR D. LIERMAN was recently appointed Advertising Manager, Consumer Products, Johns-Manville. Mr. Lierman has been connected with the company for a number of years, in its merchandising and dealer promotion departments.

"FIRE CURTAINS IN TEN ENGINEHOUSES" an article in the January 27th issue of Railway Age (published at 30 Church St., New York City) describes the asbestos-cement barriers (or fire curtains) which Norfolk & Western Railway has installed in its more important frame structures.

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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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THE FLINTKOTE CO. EXPANDS

The acquisition of new plant facilities and an important source of raw material was announced recently by The Flintkote Company, following a meeting of its Board of Directors.

Purchase of The Tile-Tex Company, national manufacturers and distributors of the widely-accepted Tile-Tex asphalt tile flooring, further rounds out the expansion and diversification of the broad line of Flintkote building materials.

A mining property in Canada near Thetford Mines, has also been acquired by a newly-organized subsidiary of The Flintkote Company, known as Flintkote Mines Ltd. Construction is underway on mining and milling facilities for the production of various grades of asbestos fibre. Ownership of this mine gives Flintkote an important source of raw material for its line of asbestos-cement roofing shingles, sidings and accessory products.

The Flintkote Company (NFLD) Ltd., a subsidiary, has entered into an agreement with the Newfoundland Railway Company and the Newfoundland Governmet, to supply requirements for creosoted ties and poles under a long term contract utilizing wood-impregnating plant facilities nearing completion at Clarenville, Newfoundland, and representing the only source of such supply in Newfoundland.

Also, acquisition of a plant of Raybestos-Manhattan, Inc., previously operated by the Manhattan Rubber Division, transfers to the ownership of The Flintkote Company the plant and a 55 acre property near Morristown, N. J., which will permit the relocation of certain operations from the Company's main plant at East Rutherford and offers adequate space for development of other operations.

RUBEROID ANNUITY PLAN

A voluntary retirement annuity plan proposed by the management of The Ruberoid Co. in December 1944, was accepted by approximately 83% of all eligible employees. The plan is designed to provide eligible employees, both salaried and hourly paid, with a regular monthly income in addition to the social security benefits they will receive from the Government when they become 65 years of age. Any full-time employee who has completed five years of continuous service with the company and who has not reached 60½ years of age may participate. The plan has been approved by the U. S. Treasury Department and will be submitted to stockholders for adoption at the annual meeting on April 27.

JOHNS-MANVILLE. At a regular meeting of the Board of Directors held on February 21 at the company's offices, a dividend of 50 cents per share was declared on the common stock of the corporation, payable March 12, 1945 to stockholders of record at the close of business on March 3rd.

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GEORGE MacLELLAN & CO., LTD. CELEBRATES 75TH ANNIVERSARY

This year marks the 75th Anniversary of George MacLellan & Co., Ltd., the Glasgow Rubber & Asbestos Works, of Maryhill, Glasgow, Scotland.

The firm is at present managed by the third generation of MacLellan's. It was founded in 1870 by George MacLellan, the eldest son of Peter MacLellan, the latter being the senior partner of P. & W. MacLellan, Ltd., constructional engineers and iron and steel merchants. George MacLellan died in 1879 on his way home from Australia where he had seen his products win gold medals at the 1879 Sidney Exhibition. The management was taken over by a younger brother, Peter, who took another brother, William, into partnership. Peter died in 1932 and William had predeceased him by several years.

Peter's sons, Kenneth and George, joined the firm before World War I, and in 1918 a limited liability company was formed, with Peter as managing director, and William and Kenneth and George as directors.

In the meantime branches had been opened at London, Belfast, Newcastle, Liverpool, with resident agents in Birmingham, Manchester and South West district.

In the early nineteen thirties, another generation joined the firm, Robin and Basil, the sons of George and Kenneth. Later they were made Directors. At present Basil, general manager, is serving in the R. A. F., while Robin, invalided from the Royal Artillery, is in charge of sales. Two recent appointments to the Board are David Todd, works manager (whose father was works manager before him) and Eldon Sandys, secretary and assistant manager.

The company now makes almost everything in the rubber and asbestos line. An illustrated brochure, tracing the progress of the firm thruout the years is being prepared and will be distributed to business friends.

Editor's Note: The above most interesting history has been taken from the February 5th issue of the India Rubber Journal.

MANHATTAN RUBBER AWARDED AAF QUALITY CONTROL RATING

The Approved Quality Control Rating, award of the Army Air Forces Air Technical Service Command for meritorious industrial achievement, has been granted The Manhattan Rubber Mfg. Division of Raybestos-Manhattan, Inc.

The rating denotes that each department of the plant and each inspection operation therein is properly organized and controlled and that the company has established an inspection system which meets with the approval of the AAF.

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RAYMOND P. TOWNSEND MADE VICE PRESIDENT JOHNS-MANVILLE

Raymond P. Townsend has been appointed Vice President of Johns-Manville Sales Corp. and General Sales Manager of the company's Transportation and Automotive Department.

A native of Hartsdale, N. Y., Mr. Townsend started his business career in the Purchasing Department of the New York Central Railroad Company. Later he was purchasing agent of the Liberty Steel Products Company and railroad sales representative of the Murphy Varnish Company. He joined Johns-Manville in 1925, as Sales Manager of the Eastern Region, and last year was appointed General Sales Manager of the Transportation and Automotive Department.



Raymond P. Townsend

In his new position Mr. Townsend will assist John H. Trent, Vice President and General Manager, in directing sales of the department thruout the United States and Canada.

SQ./L. GEO. F. JENKINS RETURNS TO ASBESTOS CORP. LTD.

Sq./L. Geo. F. Jenkins, for many years associated with Asbestos Corporation Limited of Thetford Mines, has been appointed General Superintendent of that Company, in charge of Mills.

Sq./L. Jenkins has been on active service with the R. C. A. F. in Canada and Overseas since July 1940. (Sq./L. means "Squad Leader" and is a rank in the R. A. F. equivalent to Major in the Army). While serving overseas he was attached to the R. A. F. and was cited in Dispatches for Distinguished Service. He has now retired (after four and a half years of active duty) and has rejoined the Staff of Asbestos Corporation Limited.

• • • —

HARRY M. SHACKELFORD, J-M Vice President in charge of Sales Promotion, at the 1945 Conference of the Middle Atlantic Lumbermans Association, held on January 17th and 18th, gave a talk on "Will the Building Industry Miss the Boat?" In it Mr. Shackelford listed seven primary objectives of the Building Industry. Our copy can be borrowed by anyone interested in the subject, or very likely Johns-Manville would be glad to supply a copy upon request. Write to their News Bureau at 22 E. 40th Street, New York City.

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REID HAYDEN, ELECTS NEW PRESIDENT

Merrill R. Carr, formerly Vice President and General Manager, has been elected President of Reid-Hayden, Incorporated, effective February 1st.

W. H. Hall and James MacDonald, Branch Managers, have been elected to the Board of Directors.

Reid-Hayden, Inc., was founded in 1924, with main office in Baltimore and branches in Charlotte, N. C., and Richmond, Va. They are Insulation Contractors and Distributors for Johns-Manville products.

Since Pearl Harbor they have furnished and installed insulation on many large war projects in the South, including Radford Ordnance Works at Radford, Va., Volunteer Ordnance Works at Chattanooga, Tenn., High Octane Gas Plant for Standard Oil Company at Baltimore, Md., and Chesterfield Power Station for Virginia Electric & Power Company.

They have installed insulation on more than 1200 ships, beginning with the Patrick Henry, the first of the Liberty Fleet, and including Victory ships, L. S. T.'s, Tankers, Cargo Ships, Mine Sweepers, Transports capable of carrying 10,000 troops and hospital ships.

The four 24,000 ton Ore Carriers to be built in Baltimore, and designed for post war ore trade with South American countries, will be insulated by Reid-Hayden, and will have the highest pressure steam plant ever installed on a cargo vessel in this country.

• • • —

THE RUBEROID CO. reported for the year 1944 net profit of $826,694, equal to $2.08 per share, after providing reserves for taxes and for wartime contingencies. Net profit for 1943 amounted to $812,519, equal to $2.04 per share.

Net sales in 1944 amounted to $28,630,158, compared with $27,338,360 in 1943, an increase of 4.7%. Current assets at the close of 1944 were 8.4 times current liabilities, and working capital amounted to $8,371,312. Book value of capital stock at the end of 1944 was $42.87 per share.

As a result of renegotiation of the company's 1943 Government business, under the Renegotiation Act, the War Contract Price Adjustment Board found that the company had realized no excessive profits during that year.

Direct taxes in 1944, totalling $1,593,685, amounted to 1.9 times the net earnings after taxes, and 3.2 times the total paid out in dividends. The average number of employees during 1944 was 3,309. Total salaries and wages in 1944 were $8,383,851, against $7,718,550 the year before.

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ANTHONY V. DORAN, SUPERVISING ENGR. UNIVERSAL

Anthony V. Doran, known to his friends as Tony Doran, has been appointed Supervising Engineer of the Universal Insulation Company, his headquarters being at 322 Paul Brown Building, 818 Olive St., St. Louis, 1, Mo. The firm also has offices in Philadelphia and Pittsburgh.



Anthony V. Doran

Mr. Doran is widely known in asbestos circles, having nine and a half years background in industrial insulation contracting, as estimator and engineer, in the middle west area. He will specialize in seeing that power plant contracts for insulation are speedily executed to successful conclusion.

ERIC HAMMARSTROM JOINS PHILIP CAREY

Appointment of Eric W. Hammarstrom as Assistant to the Vice President in Charge of Sales of the Philip Carey Mfg. Company, has just been announced.



Photo by Harris & Ewing

Eric W. Hammarstrom

Mr. Hammarstrom has been associated with Building Materials Division of the War Production Board in Washington, responsible for asphalt roofing and other major building material items. He is a graduate of Columbia University and has been connected with the building materials industry in various capacities since 1930.

Mr. Hammerstrom will function as general assistant to E. W. (Pat) Smith, Vice President in Charge of Sales for the Carey Company.

• • • —

MINING AND METALLURGY published in its February number an article on Nonmetallic Minerals, by Oliver Bowles, Chief, Nonmetal Economics Division, Bureau of Mines, one section of which is devoted to asbestos.

The section on asbestos tells of the discovery of slip-fiber chrysotile of unusual length in the quarry of the Vermont Asbestos Mines, of occurrences of asbestos in Alaska, discovered in 1944, and of the new glass-asbestos textile; these being rated by Dr. Bowles as the most important events in the Asbestos field last year.

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CAROLINA ASBESTOS COMPANY

CUSTOM MANUFACTURERS
OF
ASBESTOS TEXTILE PRODUCTS

CAROLINA ASBESTOS TEXTILES

ARE COMPLETELY ENGINEERED FOR MODERN REQUIREMENTS IN THE MANUFACTURE OF SAFETY-CLOTHING, ELECTRICAL HEATER-CORDS, DRYER-FELTS, PLASTICS AND MANY OTHER PRODUCTS REQUIRING THE USE OF ASBESTOS TEXTILES.

ASBESTOS YARN — CORD — CLOTH
ASBESTOS ROVING — TUBING — WICKING
ASBESTOS CARDED FIBRES — LISTING TAPES
OIL BURNER WICKING

CAROLINA ASBESTOS COMPANY

EXECUTIVE OFFICES:
DAVIDSON, N. C.

FACTORIES:
DAVIDSON, N. C.
MARSHVILLE, N. C.

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ASBESTOS CORPORATION LIMITED. Annual report for year ending December 31st, 1944 shows a net profit, after charging all expenses, including taxes and depreciation, of $931,252. This compares with $857,411 in 1943.

Total sales in 1944 were 14% less than in 1943.

R. W. Steele, President, in his letter to Shareholders, dated January 23rd, states that the trend of increasing costs has continued. The National War Labor Board directed a further increase in wages of four cents an hour.

Total wages in 1943 were $2,552,389; in 1944 they were $2,722,035.

Materials and supplies were $1,207,602 in 1943 and $1,321,222 in 1944. The amount of rock mined and the number of men employed has remained practically constant; there has been no increase in selling prices.

The following statement of profit and loss for 1944 will be of interest: (See page 38 of March 1944 "ASBESTOS" for similar statement covering 1943).

		Year 1944
Profit from Operations		$1,223,124.29
Interest on Investments		51,733.28
Miscellaneous Revenue		43,378.34
		1,318,235.91
Less Executive Salaries	$ 56,864.45	
Legal Fees	6,899.47	
Directors' Fees	8,220.00	
Provision for Depreciation	291,722.77	
Contribution to Pension Fund	15,000.00	378,706.69
		939,529.22
Provision for Dominion and Provincial Taxes		300,000.00
		639,529.22
Quarterly and Extra Dividends equiv. to $1.00 per share		600,000.00
		39,529.22
Earned Surplus, Dec. 31, 1943		789,810.78
Earned Surplus, Dec. 31, 1944		$ 829,340.00

The letter to Shareholders states that the King, Beaver, British Canadian and Vimy Mine have been operated at capacity thruout the year. In September 1944 construction was started on a new dry rock storage bin at the King Mine.

THE RUBEROID Co. The Board of Directors has declared a dividend of 25c per share on the capital stock of the corporation, payable March 26, to stockholders of record on March 10.

BELL ASBESTOS MINES LTD. Lt. Col. G. A. McClintock, formerly Chief Engineer of Bell Asbestos Mines Ltd., now on leave of absence with the Canadian Armed Forces, Overseas, was recently promoted from the rank of Major.

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JAMAICANS EMPLOYED BY K&M

The Keasbey & Mattison Company, with the assistance of the U. S. Government, has recently employed a number of Jamaicans in various departments to help overcome its manpower shortage, which was especially acute because of requests from the Government for increased output of various war materials.

All expenses of transporting the men from Jamaica were paid by the Government. The Company has provided temporary living quarters (barracks). The cost of these facilities as well as food and living expenses are paid by the men themselves. Work conditions and rates of pay are the same as those under which other employees of the Company operate.

UNUSUAL EXHIBIT AT K&M

The Industrial Incentive Division of the United States Navy featured an unusual exhibit of pontoon models, captured Japanese and German field and airplane equipment, at the Keasbey & Mattison Company, Ambler, on February 20 and 21.

The exhibit has been shown in 25 states by two veterans of the Second World War. It aroused much interest and patriotism on the part of K&M employees.

• • • —

WILBUR E. FERGUSON, Resident Engineer on large insulation jobs, by H. W. Porter & Co., Inc., and Reid Hayden, Inc., died on February 20th from cerebral stroke. Mr. Ferguson's work was in the vicinity of Richmond, Va.

Mr. Ferguson has been connected with the building industry (contracting division) practically all of his business life. At one time he was with Robert A. Keasbey Company of New York City ,and served as Secretary of the New York Asbestos Contractors Association under the N. R. A. He is widely known in the insulation field and was a definite asset to that industry.

THE FRICTION MATERIALS EXPORT ASSOCIATION, INC., is now operating under the Webb Pomerene Act, all papers filed having been accepted and the organization is now legally recognized by the Federal Trade Commission. It is also incorporated under the laws of the State of New York. The Association's headquarters are at 370 Lexington Ave., New York City.

Officers are: President, B. Asper of Johns-Manville International Corporation; First Vice President, H. G. Farwell of the Raybestos Division of Raybestos-Manhattan, Inc.; Second Vice President, P. F. Baillet of Gatke Corporation; Secretary-Treasurer, H. G. Duschek. The Executive Committee consists of H. A. Davis of the Atlas Asbestos Company; W. Rahbek of the Firestone Tire & Rubber Export Company and H. Seith of the American Brakeblok Division of American Brake Shoe Company.

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J M PROMOTIONS

Harold R. Berlin has been appointed General Merchandise Manager, Building Materials Department, Johns-Manville Sales Corporation. Mr. Berlin in his new position will direct and coordinate all staff activities of the J-M building material line. He joined the company in 1926, in the capacity of acoustical engineer. Since 1940 he has been manager of all of the company's industrial building materials.

William R. Wilkinson has been appointed Manager, Dealer Building Materials Department which includes responsibility for the company's line of residential and farm building products. Previously sales manager of the J-M Philadelphia District office, he will transfer to headquarter offices in New York.

E. K. Clark has been promoted to the position of Manager, Contract Building Materials, which includes responsibility for Johns-Manville building products designed primarily for use in industrial, commercial and institutional construction. He was formerly assistant manager of the department. Prior to assuming that post he had been staff manager in charge of asphalt tile flooring.

Bryan F. West has been appointed Philadelphia District Manager in charge of building materials. Mr. West will direct sales and merchandising plans in the Philadelphia area of the company's line of building products. Associated with the company for more than 25 years, Mr. West is a member of the J-M Quarter Century Club.

George H. Martens, formerly sales representative of the Johns-Manville Washington, D. C. office has been appointed Assistant District Manager in Philadelphia, the position which Mr. West previously held.

CORP. HARVEY K. BURGSTRESSER, son of A. K. Burgstresser, of the Norristown Magnesia & Asbestos Company, has been promoted to Technician Fourth Grade, as announced by The 25th Infantry (Tropic Lightning) Division.

Previous to joining the Army, Sergeant Burgstresser was employed in the Sales Department of the Norristown Company. The Sergeant is a forward observer for a field artillery unit on Luzon Island in the Philippines.

"PRACTICAL APPROACH TO PACKING OF CHEMICAL PUMPS", in the December 1944 number of Chemical and Metallurgical Engineering, published at 330 W. 42nd St., New York City, may be of interest to those of our readers interested in the manufacture of Packing. The author is Stanley L. Lopata, Technical Service Engineer, The Duriron Co., Dayton, Ohio.

BELGIUM. A correspondent in Belgium desires to contact thru "ASBESTOS", manufacturers of asbestos products, such as textiles, packings, brake lining, paper, millboard, raw asbestos, etc., with the idea of representing them in that country.

Further information will be supplied upon request.

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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 10c (in coin) to The Commissioner of Patents, Washington, D. C., giving the patent number, date it was issued, name of patentee and name of invention.

Packing. No. 2,366,832. Granted on January 9, 1945, to George Christenson, Plainfield, N. J., assignor to Johns-Manville Corp., New York City. Application January 17, 1942. Serial No. 427,098. Further description upon request.

Gasket Material, Method of Making. No. 2,367,181. Granted on January 16, 1945, to William F. Bernstein, Springfield; Thomas F. Mika and Stephen M. Lillis, Chicago, and Otha L. Colwell, Cicero, Ill. Assignors to Victor Mfg. & Gasket Co., Chicago. Original Application January 16, 1940. Serial No. 314,134. Divided and this application May 19, 1942. Serial No. 443,628.

The method of making a compressible gasket material of asbestos suitable for gasket manufacture and a binder comprising the steps of preparing a fatty acids emulsion by mixing a solution of long chain alcohol sulfates and bentonite with fatty acids present in fats and glyceride types of oils and wax, adding the emulsion so produced to a beater containing asbestos fibre and water, breaking the emulsion on the fibre, adding a pigment dispersion to the aggregate in the beater, thoroly mixing the aggregate until the ingredients are precipitated on the fibre, sheeting the resultant mix on a paper machine, removing the water by drying and then subjecting the dried sheet to a bake for reacting for fatty acids with the asbestos to thereby form a reaction product, bonding the asbestos fibre and imparting flow characteristics to the finished sheet but preventing its extrusion under the pressure and temperatures encountered in use.

Asbestos-Cement Pipe, Continuous method of Manufacture. No. 2,367,844. Granted on January 23, 1945 to Charles W. Cuno, Wilmington, Ill., assignor to Lehon Co., Chicago, Ill. Application February 26, 1941. Serial No. 380,639.

The method of making lined cement-asbestos pipe which consists in forming a foundation from strips of asphalt impregnated flexible material, treating the said foundation tube by applying thereto an asphaltic emulsion containing asbestos fibre and cement and finally applying to the treated foundation tube a plurality of thicknesses of cement-asbestos pulp, said pulp being applied in sheet form.

POSITION WANTED

As estimator, salesman and/or construction manager on insulation work. Well qualified and experienced. Address Box 3CP-CI, "ASBESTOS", 17th FL., Inquirer Bldg., Philadelphia, 30, Pa.

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PRODUCTION STATISTICS

Canada.

(From Dept. of Mines, Province of Quebec)

	Year 1944	Year 1943
	Tons (2000 lbs.)	
Crude	1,546	2,016
Fibre	190,777	217,889
Shorts	224,493	247,291
Totals	416,816	467,196

PUBLICATIONS AVAILABLE

Asbestos Mining Methods. (Reprint)—25c per copy, discount in quantities of 50 or more.

The Asbestos Factbook (2nd Edition)—Much information about asbestos, in compact form—10c per copy.

Canadian Chrysotile Asbestos Classification (reprint)—25c per copy, or 15c ea. in quantities of 10 or more.

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)—30c per copy postpaid.

Processing Asbestos Fibres (Reprint)—of interest to textile plant superintendents or foreman—25c per copy.

Tests for Cotton Content (Reprint from May 1944 "ASBESTOS".) 10c per copy.

Chart—Dollars Cost of Uninsulated Pipe. Reprinted from Page 27, February 1944 "ASBESTOS". 20c each.

Asbestos: The Magic Mineral, by Lilian Holmes Strack. Especially interesting to school children—$1.00 per copy.

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



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EHRET'S VALLEY FORGE PACKINGS

Standardization by EHRET packing experts has produced a line of packings that has been held to a minimum number of items consistent with service, economy and good practice. Dealers and Distributors can materially reduce inventories and, at the same time, maintain stocks to cover a broad range of service requirements.

Details of the Ehret line of Valley Forge Packings are contained in a packing service manual. A copy will be sent to you on request.

EHRET MAGNESIA MANUFACTURING COMPANY

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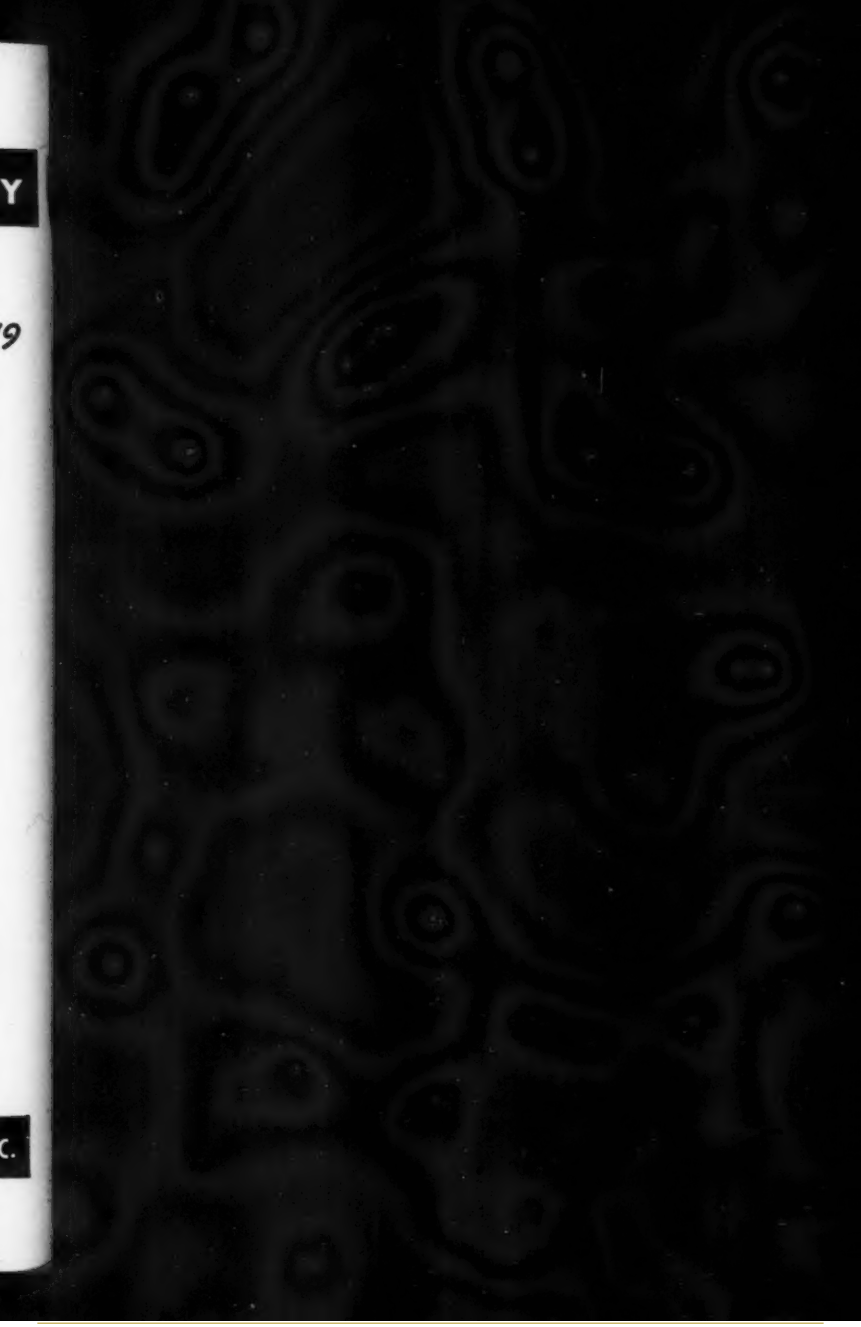


The facilities of our sales and research organization are at the disposal of any manufacturer who has a problem to solve which involves the use of fabricated asbestos.

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