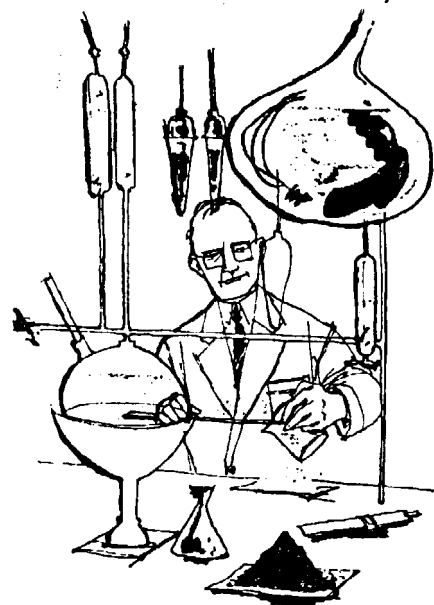
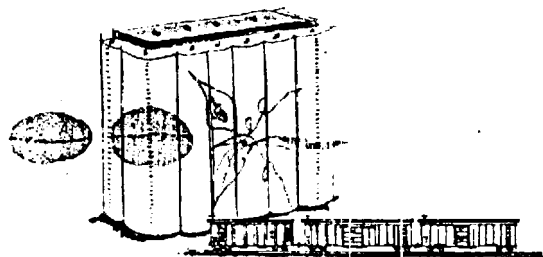
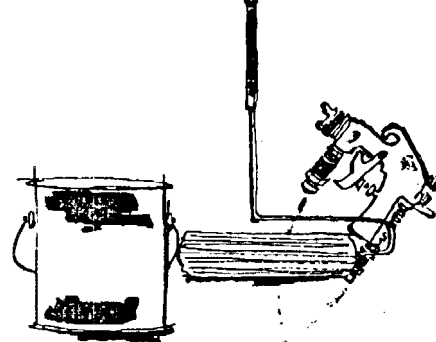
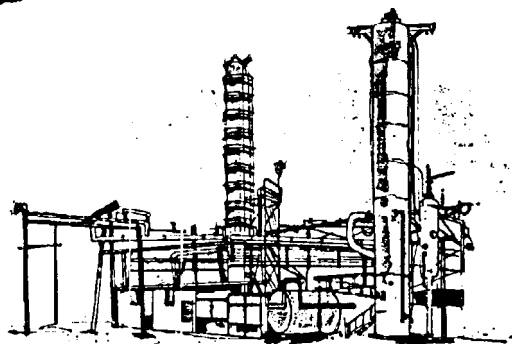




THE GLIDDEN COMPANY

annual report 1956



# THE GLIDDEN COMPANY

*39th Annual Report  
fiscal year ended  
August 31, 1956*



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## A FIVE-YEAR COMPARISON

|                                                       | Twelve Months<br>August 31<br>1956 | Ten Months<br>August 31<br>1955 | Twelve Months October 31 |               |               |
|-------------------------------------------------------|------------------------------------|---------------------------------|--------------------------|---------------|---------------|
|                                                       |                                    |                                 | 1954                     | 1953          | 1952          |
| <i>Net Sales</i>                                      | \$226,250,387                      | \$180,524,822                   | \$209,083,579            | \$211,758,522 | \$205,113,304 |
| <i>Income before Taxes</i>                            | 16,450,737                         | 14,324,567                      | 14,235,043               | 14,834,272    | 14,203,805    |
| <i>Taxes on Income</i>                                | 8,304,000                          | 7,212,000                       | 7,142,000                | 7,725,000     | 7,255,000     |
| <i>Net Income after Taxes</i>                         | 8,146,737                          | 7,112,567                       | 7,093,043                | 7,109,272     | 6,948,805     |
| <i>Per Share</i>                                      | 3.55                               | 3.10                            | 3.09                     | 3.10          | 3.04          |
| <i>% to Shareholders' Equity</i>                      | 9.8%                               | 8.9%                            | 9.2%                     | 9.6%          | 9.7%          |
| <i>Cash Dividends Declared<br/>on Common</i>          | 4,591,435                          | 4,588,588                       | 4,581,860                | 4,578,538     | 5,134,246     |
| <i>Per Share</i>                                      | 2.00                               | 2.00                            | 2.00                     | 2.00          | 2.25          |
| <i>% of Net Income</i>                                | 56.4%                              | 64.5%                           | 64.6%                    | 64.4%         | 73.9%         |
| <i>Earnings Reinvested</i>                            | 3,555,302                          | 2,523,979                       | 2,511,183                | 2,530,734     | 1,814,559     |
| <i>Shareholders' Equity</i>                           | 83,090,719                         | 79,513,017                      | 76,922,608               | 74,324,321    | 71,643,893    |
| <i>Per Share</i>                                      | 36.19                              | 34.64                           | 33.54                    | 32.44         | 31.36         |
| <i>Long Term Debt</i>                                 | 7,500,000                          | 9,000,000                       | 10,500,000               | 7,000,000     | 8,500,000     |
| <i>Net Working Capital</i>                            | 35,695,848                         | 47,155,983                      | 51,225,674               | 46,004,697    | 46,474,504    |
| <i>Current Ratio</i>                                  | 2.27                               | 3.58                            | 4.36                     | 3.15          | 3.13          |
| <i>Plant and Equipment—Net</i>                        | 53,413,732                         | 39,993,479                      | 34,493,146               | 33,234,243    | 31,393,854    |
| <i>Total Assets</i>                                   | 118,738,003                        | 106,762,124                     | 102,669,755              | 102,749,597   | 101,957,921   |
| <i>Depreciation</i>                                   | 2,870,339                          | 2,234,960                       | 2,332,685                | 2,185,184     | 1,965,339     |
| <i>Gross Expenditures for<br/>Plant and Equipment</i> | 16,637,000                         | 8,155,366                       | 4,020,936                | 4,149,573     | 3,042,934     |
| <i>Shares Outstanding</i>                             | 2,295,990                          | 2,295,350                       | 2,293,455                | 2,290,794     | 2,284,739     |
| <i>Number of Shareholders</i>                         | 20,758                             | 20,019                          | 19,174                   | 18,726        | 18,310        |
| <i>Number of Employees</i>                            | 6,387                              | 6,397                           | 6,198                    | 6,218         | 6,152         |

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## *the president's report to the shareholders*

November 18, 1956

The year 1956 witnessed the accomplishment of a portion of our long range plans.

Late in the year our new terminal grain elevator in Chicago and the first unit of our new titanium dioxide plant in Baltimore were completed and put in operation. Twenty new paint branches were opened. Construction of additional terpene chemical facilities and of a new tall oil plant was started, and our edible oil operations were realigned for more efficient production. These are major elements of an over-all plan to obtain the maximum profit potential from the capital entrusted to us.

Net sales for the twelve months which ended August 31, 1956, were \$226,290,387 and net profits were \$8,146,737, or \$3.55 per share on the 2,295,990 shares outstanding at the year-end. Start-up expenses on some of the expansion projects mentioned above were absorbed during the year and amounted to 13 cents per share.

Each of our five divisions operated profitably. A detailed review of their results and progress begins on page six of this report.

In 1955 we announced the formation of a wholly-owned subsidiary, Glidden International, C. A., to expand the licensing, distribution and production of Glidden products in countries other than the United States and Canada. During 1956 we started to build an organization staffed with specialists on overseas operations. To head this organization, Mr. Robert M. Kirk was recently appointed general manager of Glidden International. His 15 years of experience in the export and overseas fields will be of great value in developing this program.

It is intended that International's expansion will include subsidiary manufacturing operations and technological assistance agreements for which it may receive an equity interest in overseas concerns. This past year, Glidden International and W. R. Grace & Co. jointly established paint companies in Colombia and Ecuador. In return for technological assistance, International received an equity interest in Soya Glidden Argentina, S. A., a firm recently organized in Argentina to process soybeans and refine edible oils.

GLD002661

Our Cuban associate, Fabrica Nacional de Pinturas, S. A., has moved into a prominent position in the Cuban market and is now producing all the major items in the Glidden consumer paint line. Ishihara Sangyo Kaisha, Ltd., our Japanese associate, increased production of titanium dioxide and also began to manufacture Spred Satin for the Japanese market.

The Glidden Company, Ltd., with plants at Toronto and Montreal, registered a new high in sales. This subsidiary and Glidden International offer us an opportunity to participate in the economic growth of Canada and many overseas countries.

Research and development continue to receive major emphasis. Our current budget for these activities is about ten per cent higher than last year. Dr. William von Fischer, formerly head of the department of chemistry and chemical engineering at Case Institute of Technology, has recently joined us as coordinator of research. In this newly-created position, he will coordinate the decentralized research and development activities of all our operating divisions.

In addition to internal growth through research and market development, we are actively searching for products and companies which would complement or supplement our present organization. We are not interested in acquisitions which create sales or asset size alone. Adequate profit potential must exist. A new department has recently been established to devote full attention to this important program. During the year we thoroughly investigated a number of possibilities. Due to our highly selective approach no acquisitions resulted, but several are still under active consideration.

Gross capital expenditures amounted to \$16,637,000, more than double that of any previous year, and the continuation of our current expansion program will require a similar level of spending during 1957. The greatest portion of this expansion has been financed through retained earnings and capital freed by the disposition and discontinuance of low profit portions of our business. Within the last several years this disposition program has released over \$10,000,000 for use in more profitable ways. Additional financing will be necessary in the near future and, for the immediate period, will be in the form of increased debt.

Regular cash dividends of \$2.00 were declared during the fiscal year and charged against retained earnings. This includes the 50 cent dividend paid October 1. Other dividends of 50 cents per share were paid January 2, April 2 and July 2. Dividends have been paid continuously since 1933.

Inventories of \$38,492,240 were almost \$5,000,000 higher than those at August 31, 1955, due to price increases on certain raw materials and additional inventory requirements of our new terminal elevator and titanium dioxide plant. Our policy of hedging

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all major commodity inventories, coupled with a LIFO reserve of \$1,358,671 on certain of these commodities, provides protection against extreme market fluctuations.

Advertising expenses in 1956 were \$4,585,776, or 2.0% of sales, compared with \$3,769,639, or 2.1% of sales, for the 10 months in fiscal 1955.

Retirement funds for employees deposited with bank trustees now total \$9,225,784. Our retirement plans are non-contributory, the company paying the entire cost.

Federal income tax returns for 1954, 1955 and 1956 have yet to be reviewed by the Internal Revenue Services. No major adjustments are anticipated.

Company-wide, we are building a sound organization and are concentrating our resources on those activities which have the greatest earnings potential. Barring any unfavorable turn in the general economy, we expect further improvement in our operations for 1957.



*chairman and president*

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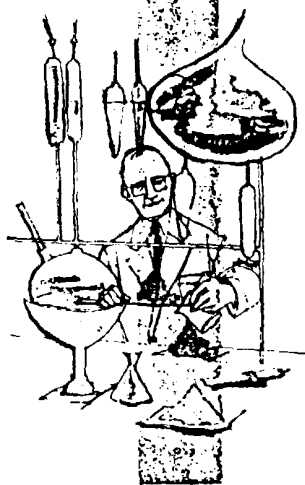
## CHEMICALS·PIGMENTS·METALS DIVISION

Sales of \$18,428,612 represented an all-time high for the Chemicals-Pigments-Metals Division. Earnings were also at record levels and produced a new high in return on investment. This outstanding performance was due to capacity sales of titanium dioxide, continued strong demand for metal powders and improvements in operating efficiency.

Prior years' increases in productive capacity at our St. Helena Works proved beneficial as titanium dioxide remained in very short supply throughout the year. Although the demand for this pigment dropped sharply in July to allow for inventory adjustments, we have been able to continue operating at capacity. Production at the St. Helena Works has never been curtailed since the end of World War II.

The first test batch of titanium dioxide was produced at the new Adrian Joyce Works early this summer. Operation of this unit should contribute to earnings in 1957. Initial results led to the decision to start immediate construction of additions which will quadruple the plant's present capacity. These additions, originally planned for completion in 1960, will now be completed late in 1958. The over-all cost of this entire project is estimated at \$30,000,000.

Operations at our metal powder plant at Hammond, Indiana, were slightly below the 1955 level due to the slowdown in the automotive industry. However, 1956 was still the second best year on record. The entire metal powders field continues to grow as the knowledge of powder metallurgy increases. During the year we began producing tin powder and sales of this product to the automotive and appliance



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### *pigments and metal powders . . .*

industries far exceeded our expectations. We have been working on the development of a number of filter powders and progress to date has been encouraging. These powders are finding greater use in fluid systems to filter out impurities or make separations.

Lithopone has largely been replaced by titanium dioxide as a white pigment but there are still a number of applications where its properties are superior. A recent decision by one of our competitors to discontinue the manufacture of lithopone will be of benefit to us.

We are currently introducing a new series of red pigments, marketed under the trade name Mercadmolith. These pigments were developed to eliminate our dependence upon selenium, which is becoming more difficult to obtain, and will permit us to offer our customers a steady source for red pigments.

For a number of years we have conducted exploratory operations at our mining property in Shasta County, California, while negotiating with mining companies interested in operating this property. Since we were unable to negotiate a satisfactory arrangement for commercially mining the property, exploratory operations were discontinued last summer.

During 1956, the Chemicals-Pigments-Metals Division substantially increased its contribution to the over-all results of The Glidden Company and the future of this division is exceptionally promising.

**VICE PRESIDENT**  
G. M. Halsey

**PLANTS**  
Baltimore, Maryland (2)  
Collinsville, Illinois  
Hammond, Indiana  
Scranton, Pennsylvania

**PRODUCTS**  
Zopaque Titanium Dioxide  
Cadmolith Red Colors  
Mercadmolith Red Colors  
Cadmolith Yellow Colors  
Sunolith Lithopone  
Titanated Lithopone  
Euston White Lead  
Lead in Oil  
Cubond Brazing Compound  
Copper Powder  
Lead Powder  
Tin Powder  
Alloy Powders  
Cuprous Oxide  
Cupric Oxide  
Copper Pigment

**USES**  
Appliances  
Automobiles  
Bearings  
Bronze Parts  
Bushings  
Carbon Brushes  
Ceramics  
Chemical Reagents  
Coated Fabrics  
Felt-Base Products  
Floor Tile  
Glass  
Lead Greases  
Leather  
Metallic Packings  
Paint  
Paper  
Pigments  
Plastics  
Porcelain Enamel  
Printing Inks  
Rubber  
Synthetic Fibers  
Wallboard  
Wallpaper



*markets for Glidden products include the rubber . . .*

GLD002665

VICE PRESIDENT  
Alexander D. Duncan

#### PLANTS

Atlanta, Georgia  
Chicago, Illinois (2)  
Cleveland, Ohio  
Los Angeles, California  
Minneapolis, Minnesota  
New Orleans, Louisiana  
Reading, Pennsylvania  
St. Louis, Missouri  
San Francisco, California  
Montreal, Quebec, Canada  
Toronto, Ontario, Canada

#### PRODUCTS

Spred Satin  
Spred Glide-On  
Spred Lustre  
Endurance  
Endurance Imperial  
Speed-Wall  
Japalac  
Ripolin  
Florenamel  
Pli-Namel  
Glid-Tone Stains  
Glid-Tone Varnishes  
Gliddenspar Varnish  
Dramatone Colors  
Spray-Day-Lite  
Brush-Day-Lite  
Industrial Finishes  
Butoxy Resins  
Gel-Kote Polyester Coatings  
Glidpol Polyester Resins  
Nubelite Primers and Enamels  
Nubelon Enamels  
Nu-Pon Primers and Enamels  
Wood Finishes  
Glidvar Wire Coating  
Vinyl-Cote  
Nu-Pon Cote

#### USES

Acoustical Tile  
Agricultural Equipment  
Air Conditioning  
Automobiles  
Aviation Equipment  
Building Materials  
Cabinets  
Closures  
Containers  
Electrical Equipment  
Exterior Surfaces  
Furniture - Metal and Wood  
Hardware  
Heating and Ventilating  
Home Appliances  
Industrial Maintenance  
Interior Surfaces  
Lighting Fixtures  
Machinery and Equipment  
Marine Equipment  
Office Equipment  
Paper  
Plumbing Supplies  
Railroad Equipment  
Rubber  
Signs  
Sporting Goods  
Toys  
Wire Coatings

## PAINT DIVISION *quality finishes and*

Both sales and profits of the Paint Division exceeded those of any previous year. Sales rose to \$74,977,744 of which approximately 60% was in consumer items. The balance came from industrial sales of product finishes, protective coatings and resins. Our sales increases in both the consumer and industrial categories continue to be greater than those reported by the paint industry as a whole.

Spred Satin, Spred Glide-On and Endurance house paints remain the backbone of our consumer line. The Dramatone Color System, introduced in 1955, has given us more product flexibility and increased sales. During 1956 we brought out another "do-it-yourself" line — Glid-Tone stains and varnishes — designed for finishing wood furniture.

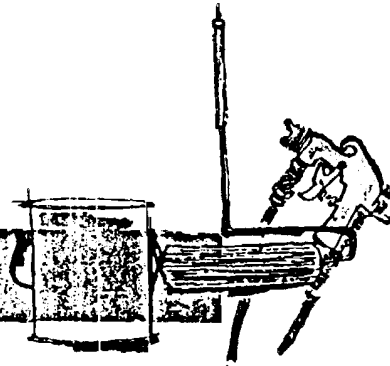
Several new consumer products and applications are planned for this year. Japalac, a 55-year old brand name in enamels, will appear in aerosol spray cans. Permitting easy touch-up work on toys, outdoor furniture and appliances, this item will be a valuable addition to our line. Early in the year we will introduce a series of colored wood stains utilizing the Dramatone Color System which will offer consumers a wide variation in finished wood interiors.

Spred Lustre, an alkyd enamel, will soon be introduced. A marketing companion to Spred Satin, it will permit matching colors where a semi-gloss sheen in kitchens or bathrooms is desired. This fall we began promoting the use of Spred Glide-On for asphalt roof shingles. Extensive tests indicate this finish not only reduces the amount of heat absorbed by the roof, but also increases the life of the shingles. This use also will enable us to offer complete exterior color styling.

Increased sales and earnings from consumer products have been primarily the result of wider distribution. Two years ago we had 43 branch warehouses throughout the United States and Canada. Today we have 73. Within two more years we will have 100 such branches. Designed to provide fast and efficient service to dealers, painters and other customers, these branches offer the key to future growth in the consumer field.

As a part of the branch expansion program, our consumer sales force has been increased 20% during the last two years. In that time, the industrial sales force has increased 15%. This larger sales organization will permit more intensive coverage of the markets for the division's products.

*coatings . . .*



During the year we established a new sales and laboratory group to direct and assist our salesmen in selling finishes for the original painting and upkeep of commercial and industrial buildings and equipment. This will better enable us to realize the full potential in this broad field.

Industrial markets continued strong throughout 1956. The increasing use of cans for packaging detergents and beverages has resulted in larger sales of can coatings. Sales of appliance finishes were excellent. We are gradually increasing our share of this important market through a superior line of products.

New industrial emulsions have permitted the development of finishes which will adhere to metals under conditions where adhesion was previously impossible. This has opened up a number of new markets. Sales of polyester resins and coatings continue to grow as new uses for these outstanding materials are developed. Market testing of Butoxy resins (C-Oil) shows considerable promise. Potential uses for this petroleum-based product include pipe coatings, can coatings, adhesives and binders.

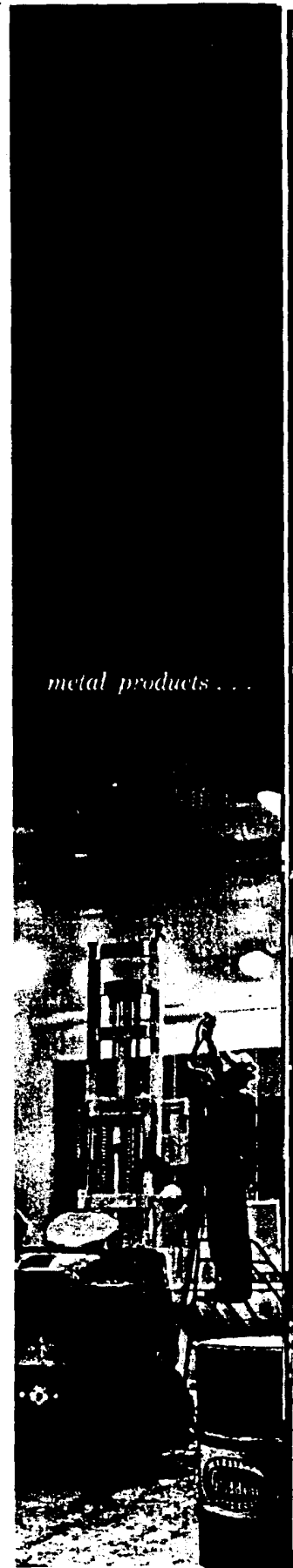
In September we started construction of additions to provide a 15% increase in the capacity of our Reading, Pennsylvania, plant. This project should be completed early in 1957. Expansion of the Atlanta and Montreal plants was completed during the year and additional equipment for the production of synthetic resins was installed at Toronto and Reading and the Nubian industrial plant in Chicago. We are also planning a new laboratory at the Nubian plant.

In recent years, sales volume has approached the capacity of our production facilities. We have instituted a major study to determine what steps must be taken in future years to keep pace with the growing markets for our products.

Due to higher costs of labor and material, it was necessary in September, 1956, to increase prices of both consumer and industrial products.

Paint sales have risen steadily since 1946. With new products, increased distribution and additional manufacturing facilities, we expect this growth to continue at an average rate of five to ten per cent each year.

*metal products . . .*



VICE PRESIDENT  
Harvey L. Slaughter

PLANTS  
Berkeley, California  
Chicago, Illinois (2)  
Elmhurst, L.I., New York  
Louisville, Kentucky  
Macon, Georgia  
Norwalk, Ohio

PRODUCTS  
Bulk Shortenings  
Puff Pastry Shortenings  
Baker's Margarine  
Paramount Hard Butters  
Specialty Edible Oil Products  
Margarine Oils  
Refined Vegetable Oils  
A-P-O All Purpose Oil  
Melva Frying Shortening

Margarine  
Stayfresh Coconut  
Dizie Cut Coconut  
Snowflake Coconut  
Spices and Extracts  
Meat Tenderizer  
Seasoning Salts  
Vegetable Flakes  
Worcestershire Sauce  
Mayonnaise  
Whipped Salad Dressing  
Sandwich Spread  
French Dressing  
Tossed Salad Dressing  
Famous Sauce  
Package Shortening  
Salad Oils  
Deep Frying Oil

USES  
Bread  
Cakes  
Candy  
Canned Foods  
Chocolate Coatings  
Cookies  
Crackers  
Danish Pastries  
Doughnuts  
French Pastries  
Fried Foods  
Frozen Desserts  
Ice Cream  
Margarine  
Meat Products  
Pickles  
Pies  
Popcorn  
Potato Chips  
Prepared Mixes  
Pretzels  
Salad Dressings  
Salad Oils  
Whipped Toppings

## DURKEE FAMOUS FOODS DIVISION - edible

Durkee operations fell short of our expectations. For only the second time in the past ten years, Food Division profits (before taxes) were below the 3½-million dollar level. During part of the year unsettled marketing conditions in the edible oil industry prevented us from maintaining our normal dollar profit margins. This situation has improved in recent months.

Almost three fourths of our \$88,927,483 sales in 1956 consisted of bulk products used by food processors, bakers and institutional kitchens. The balance represents spices, coconut, margarine, salad dressings and similar products distributed through retail channels under Durkee and other labels.

On the bulk side, physical volume was slightly below last year because of a substantial decline in government business. We continue to be a leading supplier of special shortenings for prepared mixes. Our recent development of several new ingredients for mixes should further strengthen our position in this rapidly expanding industry. Sales of specialty edible oil products for coatings and other confections held firm.

We have recently opened a complete new laboratory and technical service center at our Chicago refinery. This facility is not only equipped to handle general research on fats and oils, but also to simulate production processes in the baking, confectionery, ice cream and other industries served by our edible oil organization. At Louisville we have completed additions which substantially increase refining capacity and permit more efficient production.

Late in the year a decision was reached to discontinue all edible oil processing operations at our Elmhurst, Long Island, plant and relocate these operations and much of the equip-



l products . . .

ment at the Louisville, Chicago and Berkeley plants. Due to its location, we have experienced crude vegetable oil and finished product freight disadvantages on shipments to and from Elmhurst. Relocation of these refinery operations will not only produce higher earnings, but also will release approximately \$2,000,000 in investment which has been tied up in a low profit location. Coconut and condiment operations will be continued at Elmhurst.

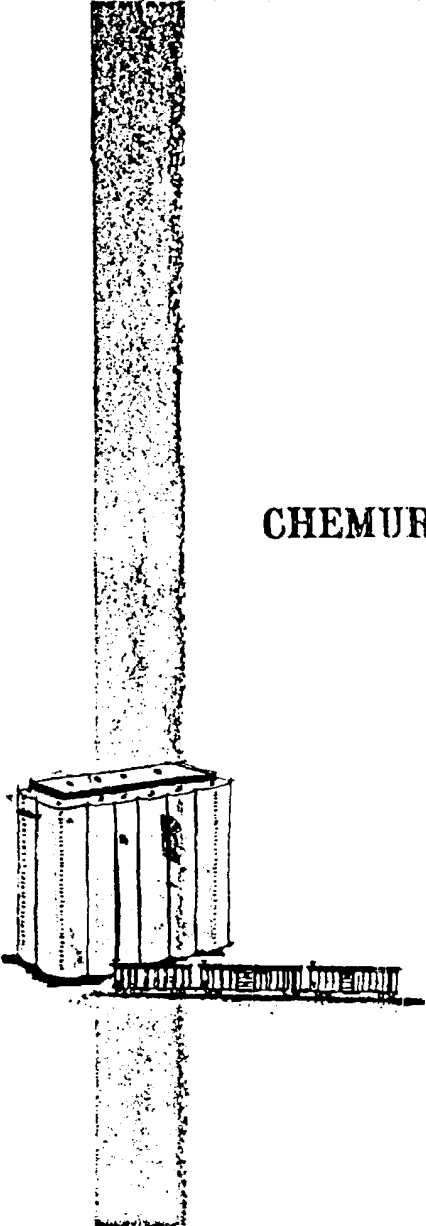
At the beginning of 1956 we reorganized our consumer products sales force to improve earnings through better supervision and lower distribution costs. Coconut and condiment operations continued strong and profitable throughout the year. However, consumer margarine and salad products were affected by the same factors as our edible oil operations and results were unsatisfactory.

This year we became the first coconut producer to utilize aluminum foil bags and foil labels for packaging. Also, a new gourmet line of spices and seasonings has been introduced in attractive new packages. The reception given these items has been excellent and we expect them to benefit sales, particularly in the self-service stores.

While over-all Food Division operations were profitable, they did not meet our performance standards. The return of normal profit margins, together with the elimination of our problems at the Elmhurst refinery, should provide improved results for 1957. However, we still continue to study thoroughly our basic position in the food industry, and we expect to take further action which should materially strengthen the division and permit us to concentrate on the development of those activities which have proven sound.

food . . .





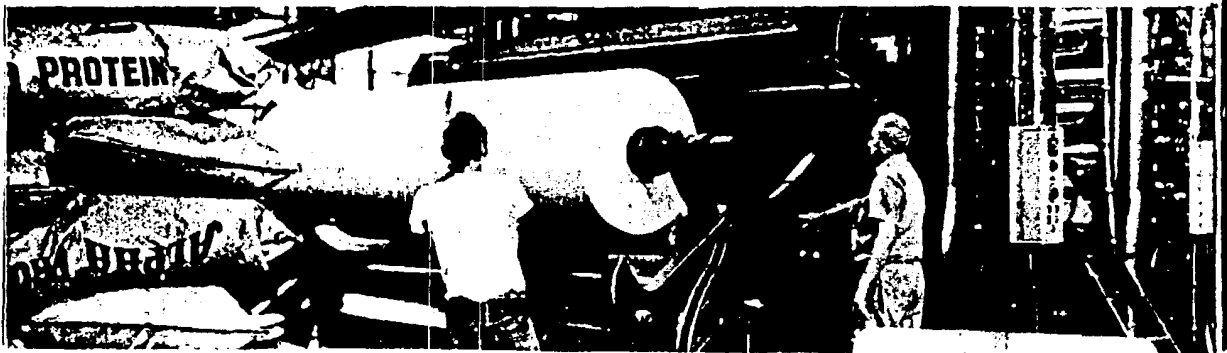
## CHEMURGY DIVISION    *soybean derivatives . . .*

Chemurgy Division profits were at their highest level since 1951. While soybean processing margins showed some improvement over those for the previous three years, they still leave much to be desired. Early in the year margins were good, but in April and May, a fear that there might be a shortage of soybeans at the end of the crop year advanced prices for soybeans out of proportion to the prices received for soybean meal and oil.

The price of soybeans is not determined by the demand for soybean products, but by demand for the beans themselves to fill the excess crushing capacity of processors. On the other hand, the prices received for meal and oil are governed by the total domestic and world supply and demand for protein meals and edible fats and oils. It is not yet possible to determine the full effect of the government loan program on the availability of soybeans during 1957. However, the 1956 crop of approximately 470 million bushels is far in excess of the 370 million bushel crop of 1955 and should bring the supply of beans more closely into balance with the demand of processors.

While earnings of this division can be materially affected by processing margins, it has been our policy to develop products from meal and oil which would eliminate total dependence upon primary processing margins as a source of income. This program is far from complete, but is proving its value in improving our earnings.

Sales of protein, flour, lecithin and fine chemicals now comprise about 20% of the division's sales of \$35,807,498. Both sales and earnings from these products showed a sub-



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stantial increase in 1956. Our work on the development of an edible protein is continuing. Its initial reception by the food industry has been promising, but extensive tests are still being conducted to obtain a proper evaluation.

During 1956, Alpha Protein gained industry-wide acceptance as a basic coating ingredient for fine printing papers. Our industrial applications laboratory is presently working on several new uses for Alpha Protein which appear to have considerable potential.

Our new \$6,000,000 terminal elevator, on the Calumet River in Chicago, is in operation. With a capacity of 6,500,000 bushels, this elevator has already established itself as a very efficient, high handling-capacity grain operation. In addition, it is also proving of value to our commodity hedging activities. Two smaller elevators, with a capacity of 200,000 bushels each, have recently been completed at Lockport and Seneca on the Illinois River. They will serve as "feeders" to the terminal elevator in Chicago.

The operation of our flaxseed and soybean processing plant at Buena Park, California, was permanently discontinued this summer. At best a marginal operation, its shutdown has released some \$2,500,000 working capital for more profitable investment elsewhere.

The past year has been one of progress for the Chemurgy Division. Its efforts have been concentrated upon those areas which have the greatest profit potential. On the basis of the present outlook, we anticipate continued improvement in division operations during 1957.

**VICE PRESIDENT**  
Willard C. Lighter

**PLANTS**  
Chicago, Illinois  
Indianapolis, Indiana

**GRAIN ELEVATORS**  
Chicago, Illinois (2)  
Indianapolis, Indiana  
Lockport, Illinois  
Seneca, Illinois

**PRODUCTS**  
Soybean Oil Meal  
Soybean Oil  
Alpha Protein  
Beta Protein  
Pramine Edible Protein  
Edible Soybean Flours  
Protein Industrial Flours  
Industrial Lecithin  
RG Lecithin  
Steroids  
Grain Storage  
Grain Merchandising

**USES**  
Adhesives  
Animal Feeds  
Bakery Products  
Candy  
Cereals  
Fire-Fighting Foam  
Floor Coverings  
Indoor Plywood  
Industrial Drying Oils  
Insulating Board  
Leather  
Margarine  
Meat  
Paint  
Paper Coatings  
Petroleum Products  
Pharmaceuticals  
Plastics  
Prepared Cake Mixes  
Prepared Roll Mixes  
Rubber  
Salad Oils  
Shortening  
Soup  
Textile Sizes  
Wallpaper



paper . . .

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## VICE PRESIDENT

Paul E. Sprague

## PLANTS

Jacksonville, Florida  
Port St. Joe, Florida  
(under construction)  
Valdosta, Georgia

## PRODUCTS

Alloocimene  
Alpha Pinene  
Anethole  
Beta Pinene  
Camphene  
Dipentene  
dl Limonene  
Methyl Chavicol  
Myrcene  
Nelio Gum Turpentine  
Nelio Pine Oil (Synthetic)  
Nelio Sulfate Turpentine  
Nopol  
Penetrell  
Terpene Chemicals  
Anti-Skinning Agents  
Cordage Tar  
DD Pine Oil  
Pigmentar  
Sunny South DD Turpentine  
Wood Charcoals  
Gloss Oils  
Merez Metal Resinates  
Nelio Gum Rosin  
Rosin - Modified Resins  
Rosin Oils  
Alkyd Resins  
Pure Phenolic Resins

## USES

Adhesives  
Chemical Intermediates  
Cleansers  
Cordage  
Detergents  
Disinfectants  
Flavors  
Floor Coverings  
Mining  
Paint  
Paper Size  
Perfumes  
Petroleum Products  
Pharmaceuticals  
Plastics  
Printing Inks  
Rubber  
Soap  
Solvents  
Synthetic Resins  
Textile Processing  
Varnish

## SOUTHERN CHEMICAL DIVISION *terpene*

In spite of a number of handicaps, the performance of this division was highly satisfactory, thus substantiating the value of our policy of chemically upgrading naval stores products.

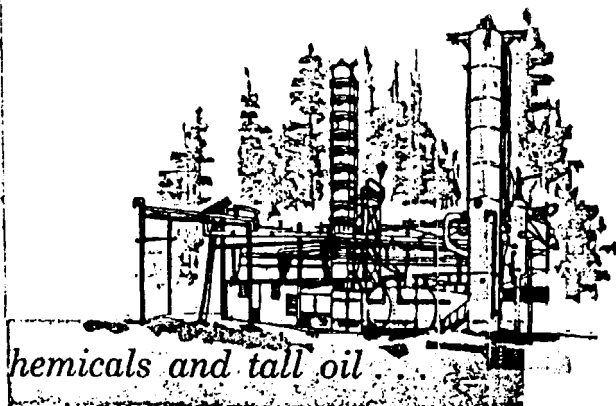
Division sales of \$8,149,050 were derived from four separate and distinct operations — turpentine processing, rosin derivatives, wood distillation and gum naval stores.

Our leadership in the field of turpentine processing and terpene chemicals continues to add impetus to the changing character of the division's operations. Products in this group range from synthetic pine oil, a versatile material used in detergents, mining, paper and other products, to chemical dipentene, used as a chemical intermediate. During the year several new chemicals were added to our growing line.

Two construction projects are under way at our Jacksonville, Florida, plant. Our turpentine processing facilities are being expanded to round out production capacity for these products. This expansion is scheduled for completion in January, 1957. We are also constructing a new terpene fine chemical unit which will produce several new products as well as a number of products previously produced on a pilot plant basis. This project should be completed in April of 1957. The total cost of the Jacksonville expansion will be about \$500,000.

In 1947 this division began to direct a portion of its research efforts toward the synthesis of several important materials used in the flavoring and aromatic fields. This research has now progressed to the design and engineering stage and construction should be started late in 1957.

Construction of our new tall oil plant at Port St. Joe, Florida, has been proceeding on schedule up to this point. However, it now appears that delays due to labor stoppages and the difficulty of securing nickel-bearing alloys will prevent us from meeting the original April, 1957, completion date. Expected to cost about \$3,400,000, this plant will pro-



duce crude and distilled tall oil, tall oil fatty acids and a premium grade tall oil rosin. Crude tall oil is a low-cost mixture of resin and fatty acids usable as such, but preferably as the source of the separated and purified rosin and fatty acid constituents. Tall oil fatty acids are used in such products as rubber, paints, detergents, plastics and soaps. The rosin to be produced at this new plant is expected to be substantially superior in quality to any tall oil rosin currently available and should meet the requirements of a wider domestic and export market.

Although production of rosin-based derivatives was retarded by a fire in that department at Jacksonville, profits from this activity showed improvement over previous years.

Our wood distillation business, principal products of which are charcoal and pine tar, was also able to show a profit improvement despite reduced demand from the rubber industry. This business is relatively static and is not a sizable profit producer.

Although crude gum production was substantially lower than that of the previous year, we were able to maintain our volume on gum rosin and turpentine. The cyclic gum naval stores business was on one of the down cycles during the year so profits were small.

This summer we dissolved E. W. Colledge, G. S. A., Inc., a wholly-owned subsidiary, which handled the sales activities of this division. The Colledge organization has been consolidated with that of the division.

While the contributions of the Southern Chemical Division are presently small in relation to the total company, they are nonetheless important. Completion of the tall oil and Jacksonville expansion projects will be reflected in operations beginning in 1957 and increasing through 1958. For some time to come, continued research on naval stores derivatives may be expected to develop new products for commercialization.

*and paint industries.*



# CONSOLIDATED BALANCE SHEETS

*The Glidden Company and Subsidiary*  
*August 31, 1956 and August 31, 1955*

## assets

|                                                                                                                                                                                                                                                                        | 1956                 | 1955                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|
| <b>CURRENT ASSETS</b>                                                                                                                                                                                                                                                  |                      |                      |
| Cash . . . . .                                                                                                                                                                                                                                                         | \$ 5,512,638         | \$ 13,233,718        |
| Trade accounts receivable, less allowances for doubtful accounts of \$477,131 (1955 - \$400,244). . . . .                                                                                                                                                              | 18,244,642           | 17,080,926           |
| Inventories — raw materials, in process, and finished goods<br>Priced at the lower of cost (accumulated average) or replacement market except for certain basic materials stated at cost (last-in, first-out method) which did not exceed replacement market . . . . . | 38,492,240           | 33,701,460           |
| Other current notes and accounts receivable, advances and investments . . . . .                                                                                                                                                                                        | 1,593,612            | 1,388,986            |
| <b>TOTAL CURRENT ASSETS . . .</b>                                                                                                                                                                                                                                      | <b>\$ 63,843,132</b> | <b>\$ 65,405,090</b> |
| <b>OTHER ASSETS</b>                                                                                                                                                                                                                                                    |                      |                      |
| Prepaid insurance and expense . . . . .                                                                                                                                                                                                                                | \$ 863,216           | \$ 652,563           |
| Miscellaneous notes and accounts receivable, advances and investments . . . . .                                                                                                                                                                                        | 617,923              | 710,992              |
| <b>TOTAL OTHER ASSETS . . . . .</b>                                                                                                                                                                                                                                    | <b>\$ 1,481,139</b>  | <b>\$ 1,363,555</b>  |
| <b>PROPERTY, PLANT AND EQUIPMENT</b>                                                                                                                                                                                                                                   |                      |                      |
| Land, at cost . . . . .                                                                                                                                                                                                                                                | \$ 3,888,059         | \$ 3,606,158         |
| Buildings, at cost . . . . .                                                                                                                                                                                                                                           | 28,219,303           | 23,689,062           |
| Machinery and equipment, at cost . . . . .                                                                                                                                                                                                                             | 47,732,654           | 37,126,162           |
|                                                                                                                                                                                                                                                                        | <b>\$ 79,840,016</b> | <b>\$ 64,421,382</b> |
| Less accumulated depreciation, depletion and amortization . . . . .                                                                                                                                                                                                    | 26,426,284           | 24,427,903           |
| <b>TOTAL PROPERTY, PLANT AND EQUIPMENT, NET . . . . .</b>                                                                                                                                                                                                              | <b>\$ 53,413,732</b> | <b>\$ 39,993,479</b> |
|                                                                                                                                                                                                                                                                        | <b>\$118,738,003</b> | <b>\$106,762,124</b> |

# 39th ANNUAL REPORT

## *liabilities and shareholders' equity*

### CURRENT LIABILITIES

Notes payable to banks:

Short term . . . . .

Serial notes maturing within one year . . . . .

Accounts payable . . . . .

Accrued taxes, insurance, royalties and interest . . . . .

Dividend payable . . . . .

Federal, dominion, and state taxes on income, estimated . . . . .

TOTAL CURRENT LIABILITIES . . .

### LONG-TERM DEBT

Serial notes, payable \$1,500,000 annually, interest 3% to 3¼% . . . . .

### SHAREHOLDERS' EQUITY

Capital:

Common stock par value \$10 per share:

Authorized 3,000,000 shares; reserved for sale to key employees, 95,340 shares (1955 — 95,980 shares)

Outstanding 2,295,990 shares (1955—2,295,350 shares) . . . . .

Additional amount paid in . . . . .

Earnings retained for use in the business including retained earnings of Canadian subsidiary \$5,135,989 (1955 — \$4,766,533) . . . . .

TOTAL SHAREHOLDERS' EQUITY

|                                                                                                                                         | 1956          | 1955          |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| Notes payable to banks:                                                                                                                 |               |               |
| Short term . . . . .                                                                                                                    | \$ 9,500,000  | \$ —0—        |
| Serial notes maturing within one year . . . . .                                                                                         | 1,500,000     | 1,500,000     |
| Accounts payable . . . . .                                                                                                              | 6,824,354     | 6,346,925     |
| Accrued taxes, insurance, royalties and interest . . . . .                                                                              | 1,429,106     | 1,307,975     |
| Dividend payable . . . . .                                                                                                              | 1,147,995     | 1,147,675     |
| Federal, dominion, and state taxes on income, estimated . . . . .                                                                       | 7,745,829     | 7,946,532     |
| TOTAL CURRENT LIABILITIES . . .                                                                                                         | \$ 28,147,284 | \$ 18,249,107 |
| LONG-TERM DEBT                                                                                                                          |               |               |
| Serial notes, payable \$1,500,000 annually, interest 3% to 3¼% . . . . .                                                                | 7,500,000     | 9,000,000     |
| SHAREHOLDERS' EQUITY                                                                                                                    |               |               |
| Capital:                                                                                                                                |               |               |
| Common stock par value \$10 per share:                                                                                                  |               |               |
| Authorized 3,000,000 shares; reserved for sale to key employees, 95,340 shares (1955 — 95,980 shares)                                   |               |               |
| Outstanding 2,295,990 shares (1955—2,295,350 shares) . . . . .                                                                          | \$ 22,959,900 | \$ 22,953,500 |
| Additional amount paid in . . . . .                                                                                                     | 9,807,272     | 9,791,272     |
| Earnings retained for use in the business including retained earnings of Canadian subsidiary \$5,135,989 (1955 — \$4,766,533) . . . . . | 50,323,547    | 46,768,245    |
| TOTAL SHAREHOLDERS' EQUITY                                                                                                              | \$ 83,090,719 | \$ 79,513,017 |
|                                                                                                                                         | \$118,738,003 | \$106,762,124 |

## CONSOLIDATED INCOME

*and earnings retained for use in the business*

*The Glidden Company and Subsidiary*

*Twelve months ended August 31, 1956,*

*and ten months ended August 31, 1955*

### *income*

|                                                                  | 1956                 | 1955                 |
|------------------------------------------------------------------|----------------------|----------------------|
| Net sales . . . . .                                              | \$226,290,387        | \$180,524,822        |
| Other income . . . . .                                           | 673,148              | 480,287              |
|                                                                  | <u>\$226,963,535</u> | <u>\$181,005,109</u> |
| Cost of goods sold . . . . .                                     | \$174,894,035        | \$140,008,434        |
| Selling, administrative and general expenses . . . . .           | 31,947,320           | 24,144,648           |
| Provision for depreciation, depletion and amortization . . . . . | 2,870,339            | 2,234,960            |
| Interest expense . . . . .                                       | 801,104              | 292,500              |
|                                                                  | <u>\$210,512,798</u> | <u>\$166,680,542</u> |
| INCOME BEFORE TAXES ON INCOME                                    | \$ 16,450,737        | \$ 14,324,567        |
| Taxes on income, estimated:                                      |                      |                      |
| Federal normal tax and surtax . . . . .                          | \$ 7,834,000         | \$ 6,865,000         |
| Dominion and state taxes . . . . .                               | 470,000              | 347,000              |
|                                                                  | <u>\$ 8,304,000</u>  | <u>\$ 7,212,000</u>  |
| NET INCOME . . . . .                                             | <u>\$ 8,146,737</u>  | <u>\$ 7,112,567</u>  |

### *earnings retained for use in the business*

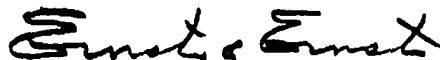
|                                                 |                      |                      |
|-------------------------------------------------|----------------------|----------------------|
| Balance at beginning of period . . . . .        | \$ 46,768,245        | \$ 44,244,266        |
| Net income . . . . .                            | 8,146,737            | 7,112,567            |
|                                                 | <u>\$ 54,914,982</u> | <u>\$ 51,356,833</u> |
| Deduct cash dividends — \$2 per share . . . . . | 4,591,435            | 4,588,588            |
| BALANCE AT END OF PERIOD . . . . .              | <u>\$ 50,323,547</u> | <u>\$ 46,768,245</u> |

## ACCOUNTANTS' REPORT

Shareholders and Board of Directors,  
The Glidden Company,  
Cleveland, Ohio.

We have examined the consolidated financial statements of The Glidden Company and subsidiary for the year ended August 31, 1956. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

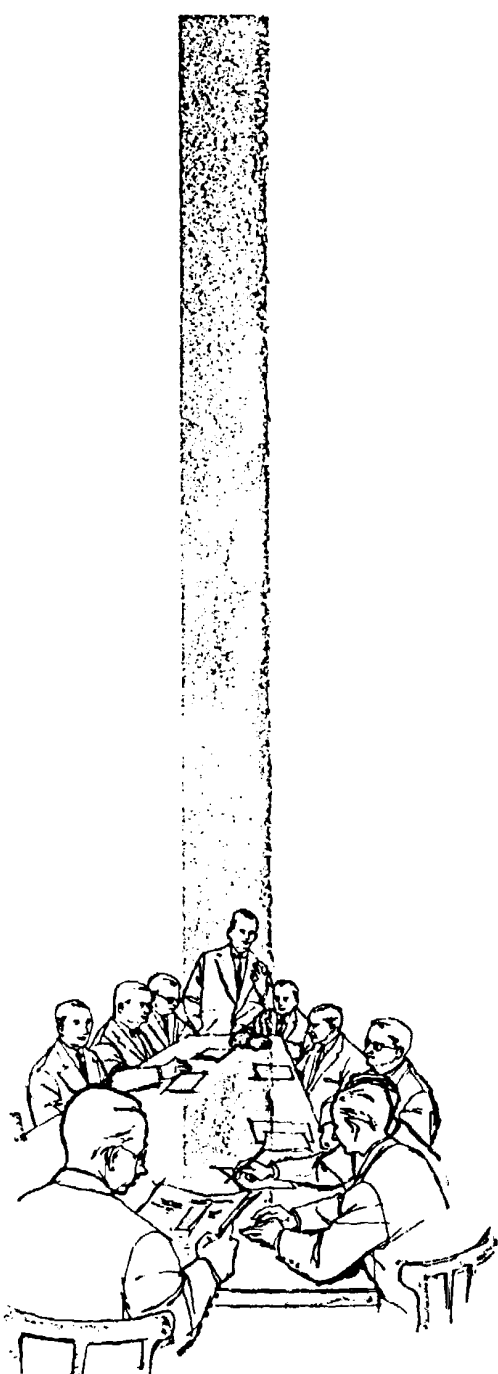
In our opinion, the accompanying balance sheet and statements of income and earnings retained for use in the business present fairly the consolidated financial position of The Glidden Company and subsidiary at August 31, 1956, and the consolidated results of their operations for the year then ended, in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding year.



Certified Public Accountants

Cleveland, Ohio  
October 15, 1956

GLD002677



## BOARD OF DIRECTORS

*Dwight P. Joyce*  
*Paul E. Sprague*  
*John P. Ruth*  
*Alexander D. Duncan*  
*B. W. Maxey*  
*John H. Weeks*  
*R. D. Horner*  
*W. G. Phillips*  
*Willard C. Lighter*  
*Harvey L. Slaughter*

## OFFICERS

*Dwight P. Joyce,*  
*Chairman of the Board and President*  
*Paul E. Sprague, Vice President*  
*B. W. Maxey, Vice President, Finance*  
*Willard C. Lighter, Vice President*  
*Alexander D. Duncan, Vice President*  
*Harvey L. Slaughter, Vice President*  
*John H. Weeks,*  
*Vice President, Personnel*  
*G. M. Halsey, Vice President*  
*R. D. Horner, Secretary*  
*W. G. Phillips, Treasurer*  
*G. S. Warner, Controller*  
*W. P. Stetzelberger,*  
*Assistant Secretary*

## CORPORATE DATA

*Executive Offices*  
*900 Union Commerce Building*  
*Cleveland, Ohio*

*Transfer Agents*  
*The New York Trust Company*  
*New York City*  
*The Cleveland Trust Company*  
*Cleveland, Ohio*

*Registrars*  
*The Chase Manhattan Bank*  
*New York City*  
*Central National Bank of Cleveland*  
*Cleveland, Ohio*

*Common stock of the Company is listed on the*  
*New York Stock Exchange and has trading*  
*privileges on other major stock exchanges.*



*The Glidden Company*

GLD002679