

and other soil-improving chemicals. One of the newest methods of adding nitrogen to the soil is through direct application of ammonia. Mathieson has a strong position in this growing field.

Merger in 1952 with E. R. Squibb & Sons, one of the world's most highly regarded drug and pharmaceutical houses, gave Mathieson a firmly established position in the drug manufacturing field.

Most of the Squibb products fall in the so-called "ethical" drugs field, and are sold only on prescription or for the use of members of the medical, dental, and veterinary professions. Squibb is one of the largest manufacturers of antibiotics, and produces most of the anaesthetic ether used in the United States.

In the household products classification, Squibb manufactures and markets such familiar items as aspirin, sodium bicarbonate, mineral oil, milk of magnesia, dental cream, tooth brushes, and shaving cream.

In 1952 Mathieson acquired a fifty percent interest in Reaction Motors, Inc., of Rockaway, New Jersey, a research and development company which has shown steady progress in the development of liquid-fuel rocket engines.

## OLIN PRODUCTS

The diversified Olin operations cover eight fields based essentially on metals and chemicals: arms and ammunition, electrical products, explosives, film, forest products, metals, paper, powder-actuated tools.

The Arms and Ammunition Division produces the world famous Winchester rifles and shotguns, Winchester, and Western sporting ammunition. These products are used by sportsmen everywhere. This division also makes clay targets, traps, kiln guns and kiln gun ammunition, gun preparations, and roller skates.

The Electrical Division manufactures flashlights and dry cell batteries and manganese dioxide compounds. Olin batteries power radios, electrical fences, telephones, and innumerable other electrical and electronic devices.

Olin's original East Alton black powder plant later became a part of the Explosives Division which is now an important factor in the industrial explosives field. It produces blasting caps, Olin smokeless Ball Powder, black powder, high explosives, railroad torpedoes, and fuses. Olin-made industrial explosives wrest minerals from the earth and lend their power to agriculture, and to the construction and contracting industries. Olin-made railroad torpedoes and fuses add to the safety of rail and highway travel.

In 1952 Olin purchased an interest in the Armstrong Coalbreak Company of Benton Harbor,

Michigan, which produces equipment used in the new and rapidly growing technique of mining coal by compressed air.

The Film Division manufactures Olin cellophane and polyethylene. The use of Olin cellophane is expanding widely for the packaging of food, tobacco, and other products which need the protection of this sparkling packaging film. Polyethylene film and tubing are used to package products as varied as carrots, ball bearings, and tools.

The Forest Products Division has about 450,000 acres of timberland in Arkansas, Louisiana, and Texas, and operates several sawmills including one of the most modern in the South at Huttig, Arkansas. Products include Southern pine and hardwood lumber, piling, posts, hardwood flooring and outdoor furniture. The well-known Frost golden pine and hardwood lumber are used in the building of homes, furniture, railroads, boats, bridges, utility lines, docks, and many other construction projects.

The company originally manufactured brass to provide its own source of cartridge metal, and subsequently became an important factor in the nation's commercial brass business. Today, the Metals Division is a leading producer of brass and other non-ferrous alloys produced in coils, strips and sheets, as well as thousands of different fabricated parts for customers throughout the country. These metals are used for an almost infinite variety of everyday uses, including electric switches, watches, silverware, door knobs, keys, telephones, automobile components, radios, telephone sets and hundreds of other items.

The Paper Division is one of the world's leading manufacturers of high quality cigarette paper and other fine papers. Publishers of Bibles, dictionaries, and similar volumes requiring high quality thin paper use other fine Ecusta flax papers.

The Ramset Division, pioneer in its field, manufactures powder-actuated tools and fasteners for use in concrete and steel. These products have wide and constantly growing applications in the construction and maintenance fields.

In 1953 Mathieson and Olin formed a jointly-owned company, Matholin Corporation, to manufacture, sell, and conduct research on hydrazine, which is expected to become one of the basic chemicals of the future with constantly growing applications in many fields of industrial chemistry. Hydrazine, or its derivatives, is being used in medicine, agriculture, plastics, and other fields.

With the merger of these two companies the new corporation will benefit from the sharing of management, engineering, marketing research and other talents. The management of Olin Mathieson Chemical Corporation looks to the future with great confidence and full expectation of expanded opportunity.