

Metalcasting – Products and Markets

The metalcasting product line produces custom-blended mineral and non-mineral products to strengthen sand molds for casting auto parts, farm and construction equipment, oil and gas production equipment, power generation turbine castings and rail car components. These products help our customers in the foundry and casting industry to improve productivity by reducing scrap from metalcasting defects and poor surface quality. The ADDITROL® blends also improve the efficiency and recycling of sand blends in mold sand systems by lowering clay consumption and improve air quality by reducing volatile organic compound emissions. Our mine to mold operational capability has resulted in providing a consistent high-quality product, technical support and reliable on-time delivery service valued by our customers.

In the ferrous casting market, the Company specializes in blending bentonite of various grades by themselves or with mineral binders containing sodium bentonite, calcium bentonite, seacoal and other ingredients. In the steel alloy casting market, the Company sells chromite products with a particle size distribution specific to customers' needs. One of chromite's qualities is its ability to conduct heat. The Company markets the product for use in making very large, high integrity, steel alloy castings where the chromite is better suited to withstand the high heat and pressure associated with the casting process.

The Company is the exclusive distributor of certain specialty sand chromite products supplied by the Glencore-Merafe joint venture in select territories, including the Americas.

The metalcasting product line was originally sold into the U.S. by the American Colloid Company (ACC) and over the past 90 years has grown in its use throughout the world including China, Thailand, Korea, Australia, India and regions of EMEA. Over the past several years, the Company has focused on further investment in China and India.

The Company's metalcasting product line net sales were \$319.2 million, \$258.1 million and \$291.2 million for the years ended December 31, 2021, 2020 and 2019, respectively.

Environmental Products – Products and Markets

The environmental product line includes bentonite and polymer lining technologies, as well as, other environmental remediation applications.

The Company helps customers protect ground water and soil through the sale of geosynthetic clay liner products containing bentonite. These products are marketed under the RESISTEX® and BENTOMAT® trade names principally for lining and capping landfills, mine waste disposal sites and industrial waste storage sites, such as, bauxite residue and coal ash waste. The Company also provides associated geosynthetic materials for these applications, including geotextiles and drainage geocomposites.

Environmental Products includes specialized technologies to mitigate vapor intrusion in new building construction. The Company's innovative vapor barrier systems prevent potentially harmful vapors from entering occupied spaces, thus facilitating low-risk redevelopment. The Company also provides reactive capping technologies and solutions to effectively contain residual contamination, to reduce costs associated with ex-situ remedies, and aid in environmental protection. Products offered include Liquid Boot®, a liquid applied vapor barrier system; REACTIVE CORE-MAT™, an in-situ sediment capping material and QUIK-SOLID®, a super absorbent media. The Company specializes within the remediation market providing technologies to treat a variety of hazardous compounds in soil, groundwater, leachate and sediment. These products are marketed under the ORGANOCCLAY® trade name. The Company also specializes in treating soil, groundwater, surface water and drinking water contaminated with Per- and polyfluoroalkyl substances (PFAS) and Perfluorooctane sulfonate (PFOS) under the FLUORO-SORB® trade name.

Additionally, the Environmental Products segment provides offshore filtration and well testing services to improve the production, cost, compliance, and environmental impact of activities performed globally in the oil and gas industry. The composition of customers within this segment varies from year to year and is significantly dependent on the type of activities each customer is undertaking within the year, regulations, and overall dynamics of the oil and gas industry. This product line provides services for offshore filtration and well testing to the worldwide oil and gas industry through subsidiaries located in Australia, Brazil, Malaysia, Nigeria, Indonesia, Saudi Arabia and the United Kingdom.

The Company's environmental product line net sales were \$136.3 million, \$131.6 million and \$181.8 million for the years ended December 31, 2021, 2020 and 2019, respectively.

Building Materials – Products and Markets

The building materials product line includes various active and passive products for waterproofing of underground structures, commercial building envelopes and tunnels.