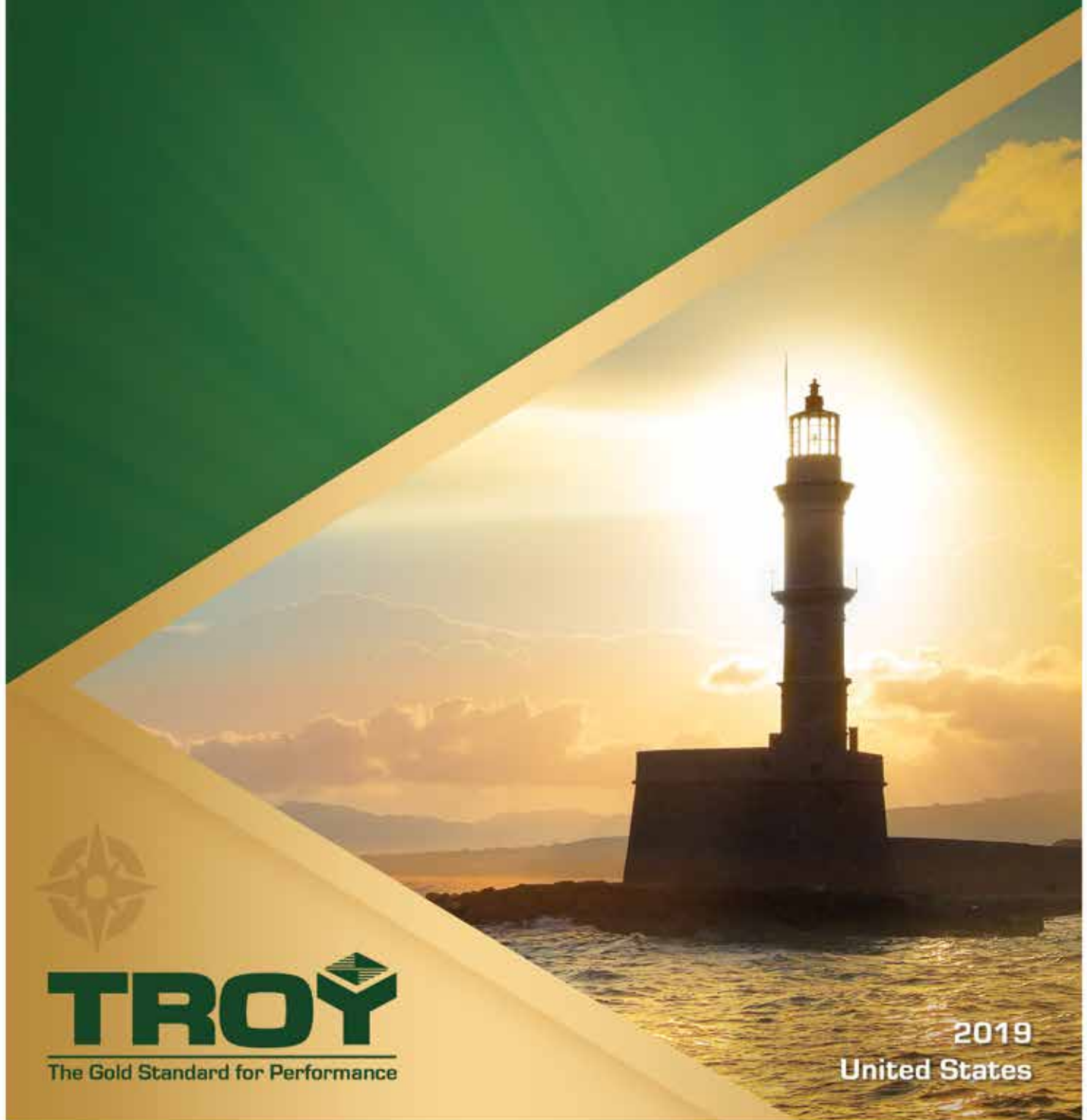


Troy Corporation

A LOOK AT THE COMPANY AND ITS VISION



TROY

The Gold Standard for Performance

2019
United States

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Who We Are

Troy Corporation develops and manufactures performance materials for industry, which are used and available in over 100 countries to produce high performing, cost-effective, and sustainable end-use products. Troy's objective is to enable customers to lead in their marketplaces, drawing on the knowledge and expertise gained from serving a diversity of markets worldwide. Troy customers include the leading manufacturers in their respective industries; the company's products assist

manufacturers and formulators to address the changing needs of the global market.

Troy produces a comprehensive range of preservatives, performance additives, and metal carboxylates at modern manufacturing facilities on three continents. Troy supports customers with worldwide sales offices, distributors, warehouses, and logistics facilities. The company's goal is to provide customers with a superior level of service and product availability.



Our Management Philosophy

Troy Management is comprised of a dedicated group of leaders with extensive experience. Management employs a customer-driven focus, as well as a philosophy that places customer needs as the highest priority. Troy Management is committed to the success and growth of customers, focusing on strategic investments as well as product line, service, and geographic expansion, enabling its global customer base to lead in their respective markets. Troy places an emphasis on providing industry-leading technical service centers, as well as a significant investment in Research & Development to accommodate the needs of its customers in years to come.



Our Mission

Troy is a technology company providing environmentally sound performance products to customers worldwide. Troy products meet unique customer requirements and add value in a wide range of end-use markets, including coatings, wood preservatives, inks, plastics, adhesives, metal processing fluids, HI&I, personal care products, and energy, to name a few.

Troy is a growth company, with objectives to increase existing business by 10 percent each year and supplement internal growth with selective acquisitions. Troy is a global organization, marketing products in all world markets in proportion to their economic potential. Troy is fully integrated, with manufacturing in locations best suited to serve customers.

Troy believes that profit is a by-product of serving customers exceptionally well, which is our primary objective. The company strives for a level of profitability and return on investment that places it in the top quartile of industry.

Above all, Troy seeks to serve its customers, by providing innovative, high-quality solutions to unique customer needs and offering comprehensive technical service.

TROY

The Values That Guide Us

- *To operate with integrity and truthfulness in relationships with customers, suppliers, & employees*
- *To strive for the highest quality in all endeavors*
- *To be known for innovation and superior service*
- *To be committed to open and honest communication*
- *To be dedicated professionals who value teamwork*
- *To strive for excellence and achieve goals*
- *To make every effort to ensure worker safety*

Industries Served

Known as *The Gold Standard for Performance*, Troy is committed to excellence, delivering unique, high value propositions to the marketplaces we serve. As a global organization, Troy is well-positioned to continue leading as well as successfully forging new paths into markets with strong growth potential. Some of the industries that Troy serves include:

- Adhesives
- Automotive Coatings
- Construction Products
- EIFS and Plasters
- Emulsion Polymers
- Energy
- Grouts
- HI&I
- Inks
- Lubricants
- Lubricants & Cutting Oils
- Metal Processing Fluids
- Mineral Slurries
- Paints & Coatings
- Paper
- Personal Care
- Pigment Dispersions
- Plastics
- Polyester Resins
- Powder Coatings
- Roof Coatings
- Sealants
- Textiles & Textile Coatings
- Urethanes
- Wood Preservation



Brands



Troy's brands, such as Polyphase®, are regarded globally as benchmarks for product excellence. The Troy portfolio includes some of the most widely recognized names in the industries we serve, including paints & coatings, metal processing fluids, personal care, HI&I, and energy. Synonymous with innovation, performance, sustainability, and value, Troy's brands offer the leading technology to provide customers with an advantage in the marketplace.

Troy's premier portfolio of preservatives has been enhanced through strategic acquisitions, enabling Troy to reach more markets and geographies, and offer customers greater formulating flexibility. Recent additions include the Fungitrol® and Nuosept® preservative brands, as well as Bodoxin®, Bacillat®, and others.

Performance Products

- Fungicides
 - Algacides
 - Bactericides
 - Industrial Disinfectants
 - Microbial Detection Kits
 - Defoamers
 - Wetting Agents
 - Flow & Leveling Agents
 - Rheology Modifiers
 - Powder Coating Additives
 - Driers & Catalysts
 - Dispersants
-

Dry-Film & Wood Preservatives

Polyphase®, **Troysan®**, and **Fungitrol®** dry-film preservatives protect aqueous and solvent-based paint films, plasters, building, and other surfaces from microbiological attack, including fungi, mold, mildew, yeasts, and algae. Even in the most difficult climates, Troy fungicides, mildewcides, and algacides keep industrial and consumer products free of microbial growth. **Micropel®** and **Plastiguard®** preservatives provide a wide range of chemistries for plastics protection, including antimicrobials with high temperature stability.



Wet-State and In-Process Preservatives

Mergal® and **Nuosept®** wet-state and **Troyshield®** in-process preservatives and sanitizers remove harmful bacteria, fungi, algal, and virus microorganisms from products and production processes and extend the shelf-life of consumer and industrial products.

Defoamers and Antifoams

Troykyd® defoaming additives eliminate entrapped air, evolved gases, and moisture vapor from products and production processes. Troy provides a complete line of defoamers for aqueous and solvent systems.

Substrate Wetting, Flow, and Leveling

Troysol™ additives reduce surface tension for the control of product properties, enhancement of surface appearance and integrity, and elimination of film defects. The result is complete substrate wetting and improved adhesion.

Mar Resistance & Slip Agents

Troysol™ additives enhance surface appearance and performance – important attributes in the finished product. Troy additives allow the formulation of films with excellent resistance to mar and abrasion, with increased surface slip.

Rheology Modifiers

Troythix® rheology modifiers improve the storage, application, and appearance of manufactured products and production processes and enable precise control of the rheological properties of the materials to which they are added. Troythix rheology products enable control of viscosity, settling resistance, sag resistance, and surface flow and leveling.

Powder Coating Additives

Powdermate® additive products control coating properties to enable powder coating manufacturers to create value-added, high performance coatings. The Powdermate product line includes flow and leveling, degassing, pigment and substrate wetting, and texturing additives.

Driers & Catalysts

Troymax™ driers and chelating agents are used to accelerate the drying process and resist loss of dry. Troymax driers are available in a complete range of metallic salts for a wide range of systems and applications.

Anti-Skinning Agents

Troymax™ anti-skinning additives maintain the integrity of the paint or varnish during storage and in packaging, enabling it to resist congealing, clumping, and skinning.

Dispersants

Troyperser™ dispersants provide improvement in pigment dispersion and stabilization of the dispersed pigment. Lower processing times, higher pigment loading, and improved color strength are achieved using Troy dispersants.

Specialty Products for Energy

Oilmate™ hydrogen sulfide (H₂S) scavengers perform an important function in oil & gas extraction and processing. By controlling H₂S emissions, Oilmate™ products provide safety, health, and environmental as well as anti-corrosion benefits to energy producers.

Services



Troy offers a full portfolio of value-added services to support its customers worldwide, and to augment its broad product range. Through custom solutions and market-focused expertise, Troy's technical and related services enable customers to produce high-quality products and to lead in the competitive marketplace. Troy has the knowledge and expertise to add value to its customers' products and processes, with over 60 years of experience serving a diversity of industries.

Technical Service

Technical Service representatives provide formulation assistance, product evaluation, microbiological, analytical, and field testing to assist customers in developing optimized formulation that meet performance and market objectives. Research & Development scientists develop innovative technology in anticipation of future market trends. Troy has numerous Technical Service Centers located strategically worldwide to assist customers, including a new, state-of-the-art Science & Technology Center at the company's Global Headquarters in New Jersey, USA.

Field Testing

Troy maintains ten field testing sites worldwide to evaluate the performance of dry-film preservatives under a wide range of environmental conditions. Troy field testing sites are located in areas that are subject to a variety of severe microbial threats, such as common mold, mildew, fungi, wood destroying fungi, yeast, and algae. Troy preservatives are evaluated over long periods of time in a diversity of climatic conditions to ensure that customers' finished products perform as expected.

TMMA

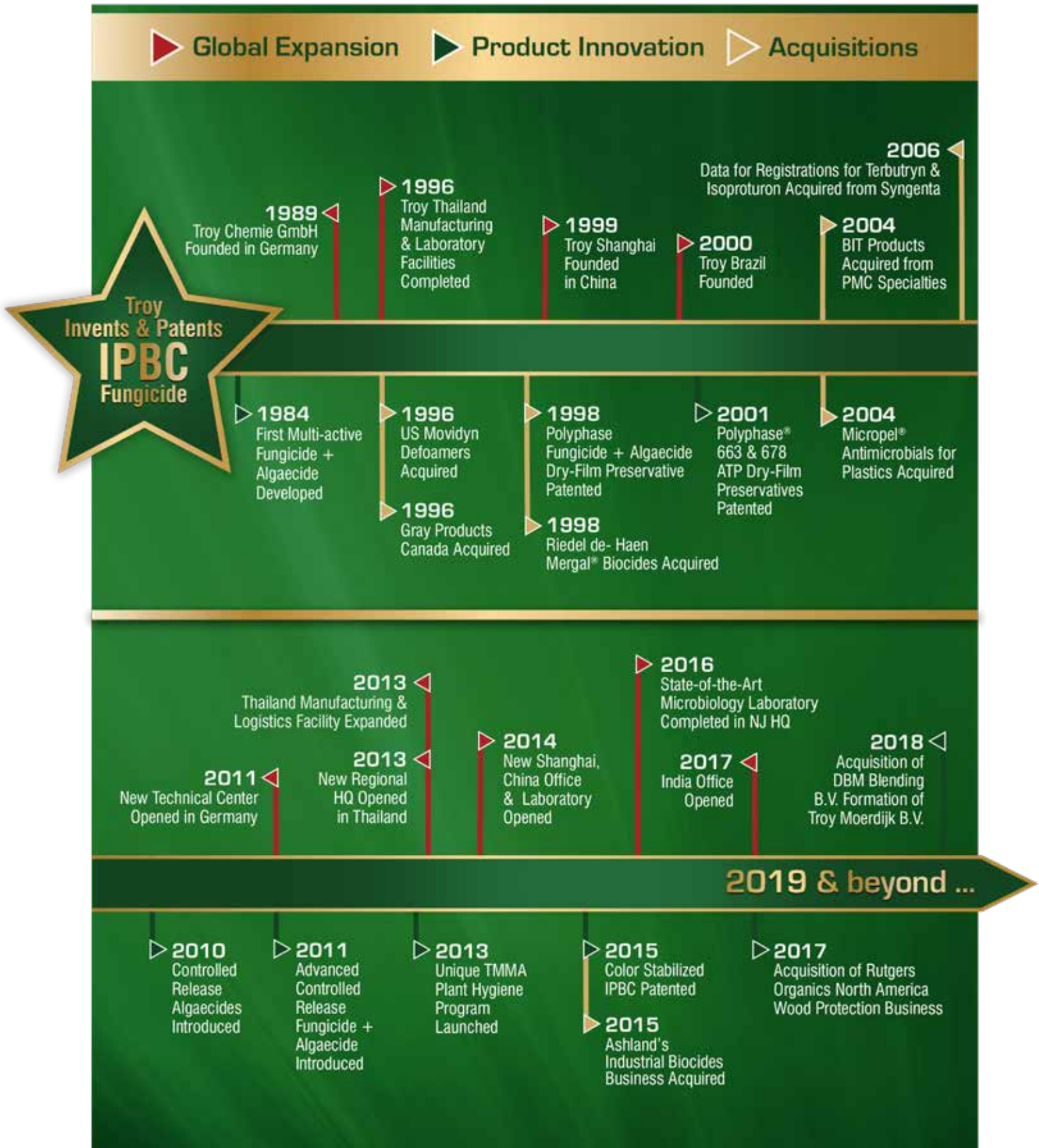
Created to enable customers to achieve contamination-free products and processes, and to reduce preservation cost, the Troy Microbial Management Advantage (TMMA) is a unique value-added service offered to customers worldwide. With the growing global regulatory trend toward 'green' and aqueous systems, TMMA is an increasingly important program. TMMA consists of plant hygiene audits, microbiological identification, efficacy testing, and preservative optimization analysis, orchestrated by Certified TMMA Practitioners, who have completed extensive training to identify root causes of contamination. Certified TMMA Practitioners then custom-develop preservative recommendations as well as optimized use levels to enable customers to achieve excellent performance while also meeting regulatory, sustainability, and cost-in-use goals.

Regulatory Support

In an era of increasing legislation by government agencies worldwide regarding the use of preservatives, Troy's experienced Regulatory Affairs department assists customers to achieve their objectives, while meeting all relevant regulatory requirements. With team members in the US, Europe, and Asia, Troy offers regulatory support globally with regional and national expertise to meet customer needs and enable them to successfully produce and market high-quality, compliant products.

Call your nearest Troy representative for immediate assistance or visit us online at www.troycorp.com. When visiting the website, become a registered user to obtain access to a wide range of resources.

Timeline, History & Significant Milestones



Services

As a Performance Partner, Troy offers a variety of services to support our product line of preservatives and additives to meet customer needs and provide market solutions.

Troy invites you to take advantage of the Troy services that can help you achieve your market objectives.

- Technical Service representatives can provide formulation assistance, product evaluation, and microbiological, analytical, and field testing to assist you in developing an optimum formulation that meets your product objective.
- Regulatory support is offered globally with regional and national expertise to meet your needs.
- R&D scientists constantly work to anticipate future industry needs and develop innovative technology. Contact your Troy representative to discuss your unique requirement that may not be met by materials currently on the market. In fact, Troy may have just what you need already under development and if not, may be able to work with you to achieve your objective.
- A global supply network is in place to ensure product availability and fast delivery. Contact your local representative to ensure the product you need is available when you need it.

Call your nearest Troy representative for immediate assistance or visit us online at www.troycorp.com. When visiting the website, become a registered user to obtain access to a wide range of resources.



The Gold Standard for Performance

Global Headquarters

8 Vreeland Road
Florham Park, NJ USA 07932

Phone: +1-973-443-4200

Email: info@troycorp.com

For regional information, contact:

The Americas

info.canada@troycorp.com

info.brasil@troycorp.com

info.latam@troycorp.com

Europe

info.benelux@troycorp.com

info.dachs@troycorp.com

info.europe@troycorp.com

info.italy@troycorp.com

info.iberica@troycorp.com

info.russia@troycorp.com

info.uk@troycorp.com

Asia Pacific

info.asia@troycorp.com

info.china@troycorp.com

info.india@troycorp.com

info.japan@troycorp.com

info.anz@troycorp.com



Set a Course for More Solutions

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