

EVONIK IN NORTH AMERICA

FROM OUR LABS TO YOUR HOME

Creative chemistry
for every part of life



Horsham, Pa.



Piscataway, N.J.



Mobile, Ala.



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Foreword



**“Creative Chemistry.
For better business.
For better life.”**

JOHN ROLANDO
PRESIDENT EVONIK CORPORATION
NORTH AMERICA REGION

AS A GLOBAL SPECIALTY CHEMICAL COMPANY, Evonik harnesses the creative power of its employees around the globe to improve the quality of life. It is an exciting time for our company and the chemical industry. Innovation abounds, and we are driven to use our discoveries to positively impact some of the most challenging global megatrends: resource efficiency, health and nutrition, and the globalization of technology.

EVONIK’S INDUSTRIAL GROUP IS BASED IN GERMANY, but draws on its global network of facilities and technical experts to maintain a leading position in the specialty chemical industry. Our operations in North America (U.S., Canada and Mexico) are critical to Evonik’s success.

WE ARE ALSO PLEASED TO BE A KEY PART of the movement toward greater corporate and community responsibility, while driving economic growth. In the next few pages, we invite you to discover how we strive to improve the quality of life through better chemistry. North America has always been a driver of innovation, and together with our Evonik colleagues around the globe, we look forward to creating a more sustainable world for generations to come.

A handwritten signature in black ink that reads "John Rolando". The signature is written in a cursive, flowing style.

EVONIK IN NORTH AMERICA

“North America is one of the world’s most important economic regions, and Evonik will strive to maintain its market leader position here through industrial advancement and our network of technical experts.”

Evonik’s history in North America stretches back to 1882 when Franz Roessler started a paint company in Brooklyn, New York. Since then, Evonik has grown to more than 30 sites, in Mexico, Canada and the U.S., with approximately 5,000 employees throughout the region.

While Evonik no longer manufactures paint, it does produce the ingredients that help coatings last longer and endure harsher conditions. It also makes silicas and silanes that help tires roll better and reduce fuel consumption and

greenhouse gas emissions. Evonik produces feed additives to supplement animal nutrition, polymers for 3D printing, active pharmaceutical ingredients and ACRYLITE® acrylic sheet for improved lighting and design.

To supply these products, as well as nearly 4,000 others worldwide, Evonik has experienced significant growth in North America.

In December 2014, CREAVIS’ Medical Devices project house opened in Birmingham, Ala.

Evonik’s first project house in North America aims to be a solution provider for the medical device industry.

In July 2015, Evonik opened the Business & Innovation Center in Richmond, Va., more than doubling its laboratory and commercial space in the Greater Richmond area.

In November 2015, the Piscataway Technology Center opened its new office building which operates as the headquarters for the Business Line Health Care in Piscataway, N.J.

1882

First production plant in the USA (Brooklyn, N.Y.)



1977

Degussa’s biggest production plant in the USA opens in Mobile, Alabama

1980

Th. Goldschmidt establishes Hopewell, Virginia site

1989

Degussa buys the Air Products plant in Calvert City, Kentucky

2007

Evonik Industries is formed





Mobile, Ala.



Chester, Pa.

Also in 2015, the Performance Materials Segment started building a new sodium cyanide plant in Coatzacoalcos, Mexico, as part of a joint venture by CyPlus and Grupo IDESA.

In July 2016, Evonik purchased Transferra Nanosciences Inc., of Burnaby, British Columbia, Canada. Transferra provides services as well as products to biotechnology companies engaged in the development of pharmaceutical products, using the company's unique expertise in liposomal drug delivery systems.

Late in 2016, Evonik broke ground on a new precipitated silica plant near Charleston, S.C.

In 2017, Evonik closed on its largest acquisition ever with the purchase of the specialty additives business of Air Products. The deal added about 600 employees and seven sites in North America, along with a portfolio of products uniquely compatible to Evonik's. The company also purchased the silica business of J.M. Huber, bringing another almost 300 employees and three new sites to Evonik.

Evonik and DSM are building a new production facility in Blair, Nebr., for omega-3 fatty acids from natural marine algae, which will, for the first time, allow for the production of omega-3 fatty acids for animal nutrition without using any fish oil from wild caught fish, a finite resource.

The recent investment and growth in the region is a testament to the importance of North America to Evonik, and the company's commitment to making the world Better with Evonik.



2010

Evonik acquires Tippecanoe Labs in Lafayette, Ind.

2014
Construction begins on MEPRON® methionine plant in Mobile, Alabama



2015
Performance Materials build new sodium cyanide plant in Coatzacoalcos, Mexico

2016
Evonik breaks ground on new precipitated silica plant near Charleston, S.C.



2017
Evonik completes acquisition of specialty chemicals business of Air Products and silica business of J.M. Huber



2017
Evonik and DSM select Blair, Nebraska, as manufacturing site for innovative, new omega-3 fatty acids production

NUTRITION & CARE

Fulfilling basic human needs

THE NUTRITION & CARE SEGMENT produces specialty chemicals, principally for use in consumer goods for daily needs, and in animal nutrition and healthcare products.

The long-term development of this segment's business is driven by socio-economic trends: Global population growth and the rise of an affluent middle class in the emerging markets are increasing consumption of animal protein such as meat, eggs, milk and fish, leading to higher demand for better quality day-to-day consumer goods such as personal care products and cosmetics. Moreover, as a result of demographic change the proportion of older people in the developed markets will rise in the long term, leading to higher demand for cosmetics, wellness and healthcare products.

The operational business of Nutrition & Care is spread over seven business lines operating at more than 20 sites in North America. With this organization, we are strategically positioned to offer fast collaboration and supply for our customers.



MEDOX®
We use the power of healthy berries.



EUDRAGIT®
We deliver actives to their target.



CreAMINO®
We make chickens stronger.



TEGOSOFT® XC
We protect you from the sun.



FAVOR® superabsorbents
We keep babies' bottoms dry.

Product	Application	Global Ranking ¹
Amphoteric surfactants	Shampoos, shower gels	1
Ceramides, phytosphingosines	Cosmetics	1
Oleochemical quaternary derivatives	Fabric softeners	1
Organically modified silicones	Additives for polyurethane foams, cosmetics, radiation-cured separation coatings, super-spreading agents	1-2
Superabsorbents	Diapers, feminine hygiene products, incontinence products, technical applications	2-3
Amino acids and amino acid derivatives	Pharmaceutical intermediates and infusion solutions	3
Exclusive synthesis	Intermediates and active substances for pharmaceuticals and specialty applications	3
Pharmaceutical polymers	Drug delivery systems (e.g. tablet coatings) and medical products (e.g. bioresorbable implants)	2
DL-methionine	Animal nutrition	1

¹ Evonik's assessment is based on various individual market reports/information and in-house market research.



GORAPUR®
We get running shoes into shape.



AEROSIL®
We give paints a smooth consistency.



ROHACELL®
We make planes lighter.

RESOURCE EFFICIENCY

Providing sustainable solutions

THE RESOURCE EFFICIENCY SEGMENT supplies high performance materials for environmentally friendly and energy-efficient systems to the automotive, paints & coatings, adhesives, construction, and many other industries. Resource Efficiency is the basis for energy-efficient and environmentally compatible products and is therefore a key factor in the development of this segment's business.

The Resource Efficiency Segment consist of nine business lines that operate in more than 20 sites within North America.

Product	Application	Global Ranking ¹
Hydrogen peroxide	Bleaching of pulp/textiles, oxidation agent for the chemical industry, starting product for polyurethane	2
Activated nickel catalysts	Life sciences and fine chemicals, Industrial chemicals	3
Precious metal powder catalysts	Life sciences and fine chemicals, Industrial chemicals	1
Oil and fat hydrogenation catalysts	Life science and fine chemicals, Industrial chemicals	3
Amorphous polyalphaolefins	Thermoplastic hot melt adhesives	1
Polybutadienes	Automotive manufacturing (adhesive and sealants)	2
Polyester resins	Can and coil coating, reactive hot melt adhesives	1
Thermoplastic/reactive methacrylate resins	Binders for paints and coatings	1-2
Organically modified silicones	Binders for paints and printing inks	2
Isophorone chemistry	Environment-friendly coating systems, high-performance composites	1
PEEK	Special applications in the oil & gas, automotive and aviation industries, electronics/semiconductors, specialty medical technology	3
Polyamide 12	High-performance specialty polymer applications (e.g. automotive, medical, sport, gas/oil pipelines)	1
Oil additives	Viscosity index improvers	1
Organosilanes, chlorosilanes	Rubber, silicone rubber, paints/coatings, adhesive/sealants, building protection materials, optical fibers, pharmaceuticals, cosmetics	1 ²
Fumed silicas, fumed metal oxides, precipitated silicas, matting agents	Silicone rubber, paints and coatings, adhesives, sealants and plastics, pharmaceuticals, cosmetics, high-temperature insulation, electronics, reinforcement of rubber, consumer products, additives for the coatings and printing inks industry	1

¹ Evonik's assessment is based on various individual market reports/information and in-house market research.

² Chlorosilanes: freely traded volumes. Overall assessment – market position differs depending on application.



CALOSTAT®
We insulate houses more efficiently.



DEGALAN®
We make containers open more easily.

PERFORMANCE MATERIALS

Intelligently shaping our chemical business

THE PERFORMANCE MATERIALS SEGMENT is at the heart of Evonik's production of polymer materials and intermediates, mainly for the rubber and plastics industries.

Driven by the mobility and urbanization megatrends, which are raising the demand for efficient transportation systems and sustainable construction methods, the Performance Materials Segment has many market opportunities.

The Performance Materials Segment has a strong product focus and its processes are raw material and energy-intensive. Focusing on integrated technology platforms for methacrylate chemistry, the segment has six major production facilities throughout North America supporting its six business lines.



ACRYLITE®
acrylic polymers
For light and elegant mobility.



SODIUM METHYLATE
We help produce biodiesel.



CYANURIC CHLORIDE
We make textiles brighter.



VISIOMER® UHP HEMA
We make contact lenses comfortable.



PARAPAN®
We give furniture a high shine.

Product	Application	Global Ranking ¹
Butene-1	Co-monomer polyolefins	1 ³
DINP	High-molecular plasticizers for use in flexible PVC	2
Isononanol	Intermediate for high-molecular plasticizers	2
Cyanuric chloride	Industrial applications and specialties (e.g. crosslinkers, optical brighteners), crop protection (especially Chinese producers)	3
Alkoxides	Catalysts for biodiesel, pharmaceuticals, agrochemicals and other applications	1
Methacrylate monomers	Dispersions, coatings, plastics, additives, adhesives, optical lenses	1-2
Methacrylate polymers (PMMA molding compounds and PMMA semi-finished products)	Construction materials for the automotive and electrical/electronics industries, specialty medical technology, architecture, design and communication applications	1-2

¹ Evonik's assessment is based on various individual market reports/information and in-house market research.
³ Freely traded volumes.

Invested in the future



Mobile, Ala.

SAFETY:

0

Transportation
Accidents

ENVIRONMENT:

92.2 million
metric tons

Greenhouse Gas
Emissions avoided

SUSTAINABILITY:

€37 million

invested in environ-
mental protection

ENVIRONMENT, SAFETY & HEALTH

Evonik in North America considers the safety, health and security of the public, its employees, contractors and customers and the protection of the environment to be of primary importance in the conduct of its business. Evonik does the right thing because we care about our community.

How we conduct business and live up to our values is derived through the Responsible Care® initiative. Evonik consciously selects resources and carefully manages risks with an objective to secure present and future potential for success and to avoid, prevent, counter and minimize risk.

Through dedication to our core values, we strengthen our relationships and achieve the sustainable success of our business.



A FOCUS ON SUSTAINABILITY

At Evonik in North America, sustainable development is an integral part of our business processes. Economical, ecological and societal factors are given equal consideration in decision making processes - in the interest of today's and future generations.

Our products and solutions are used in many areas that play a part in improving people's lives and making efficient use of scarce resources. We aim to meet and exceed internationally recognized standards, and more far-reaching internal guidelines and principles of conduct. In this way, we support the 17 goals for sustainable development set by the United Nations, to be achieved by 2030.

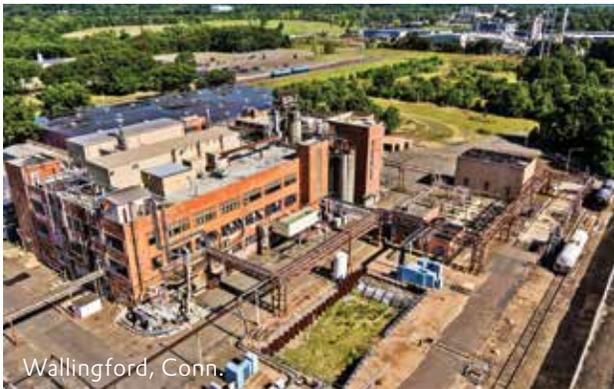
Evonik has demonstrated its commitment to sustainability through innovative projects in the pursuit of a cleaner environment as well as with innovations with lasting results. For example, the company is building a new precipitated silica plant near Charleston, S.C. The combination of silica and silanes helps contribute to reduced rolling resistance in automotive tires thereby lowering fuel requirements and thus also emissions of carbon dioxide and other climate changing gases generated during fuel combustion.



Hopewell, Va.



Lafayette, Ind.



Wallingford, Conn.



Waterford, N.Y.

A STRONG MANUFACTURING PRESENCE

Within North America, Evonik has more than 30 major production sites in the U.S., Mexico and Canada, employing approximately 5,000 people. Our plants and technical experts are positioned to provide efficient delivery of our products to customers, as well as optimize collaboration with their research and development staff.

Evonik's growth strategy is driven by the three global megatrends of resource efficiency, health and nutrition and globalization. To serve these trends, innovation is key. That's why Evonik's goal is to become one of the world's most innovative companies. To achieve this goal, we invest in new products, applications and technologies while giving our employees the freedom to develop creative ideas and bring them to market.

~5,000 employees



33 production sites

8 R&D Centers



1 Project House
Medical Devices



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