

The logo for INEOS Silicas, featuring the word "INEOS" in a bold, blue, sans-serif font with a stylized circular icon containing a white dot, followed by the word "Silicas" in a similar blue font. The logo is set against a white, rounded rectangular background.

INEOS Silicas

A collage of four people in a laboratory or industrial setting. In the foreground, a woman with dark curly hair and glasses holds a glass flask containing a white substance. Behind her, a man in a suit and tie looks on. To the left, a woman with glasses and a man in a white hard hat and safety vest are also visible. The background is a deep blue with a faint, glowing purple grid pattern.

Customers,
Innovation
& Technology

The Path
to our Future

Introduction

Welcome to INEOS Silicas. As a speciality chemical manufacturer of silicates, zeolites and silicas, our path into the 21st century is through innovative technology and dedication to serving our customers worldwide.

We aim to create value for our customers through innovation. In partnership we provide tailored solutions to enable you to improve your products and processes or to minimise your total operating costs. INEOS Silicas' personnel are continually working to identify opportunities and develop new products which are the best in the market. Through our highly skilled technical staff based at nine global manufacturing locations, you are assured of cost-effective, consistent and efficient speciality chemicals for your needs.

Through patents and licences, INEOS Silicas maintains a wide, yet effective range of products for utilisation in a variety of consumer goods and for numerous applications in the manufacturing, extractive and construction industries.

These worldwide markets are managed by our Strategic Business Units (SBU's) ensuring total coverage. This is coupled with close customer focus through regional sales, distribution and technical support.

Background

Founded in 1815 by Joseph Crosfield in Warrington, England, the Company's principal business was soap making. In the 1860's the first chemicals, sodium silicates, were produced for laundry detergents. Speciality silica production began in the 1920's. Technical expertise has been a significant factor in the growth of the Company over the years. Significant expansion in the 1970's and 1980's has propelled INEOS Silicas into global leadership.



In 1815, Joseph Crosfield started the company in Warrington, England.

Our Mission

To be the best at satisfying customer needs with innovative, tailored silica and alumina products. This will be achieved through mastery of our technologies and services and by harnessing the talents of our employees.



The recent development of MACROSORB effluent treatment for the textile industry is just one of many innovative processes developed by INEOS Silicas' New Business Development Group.

Global Organisation

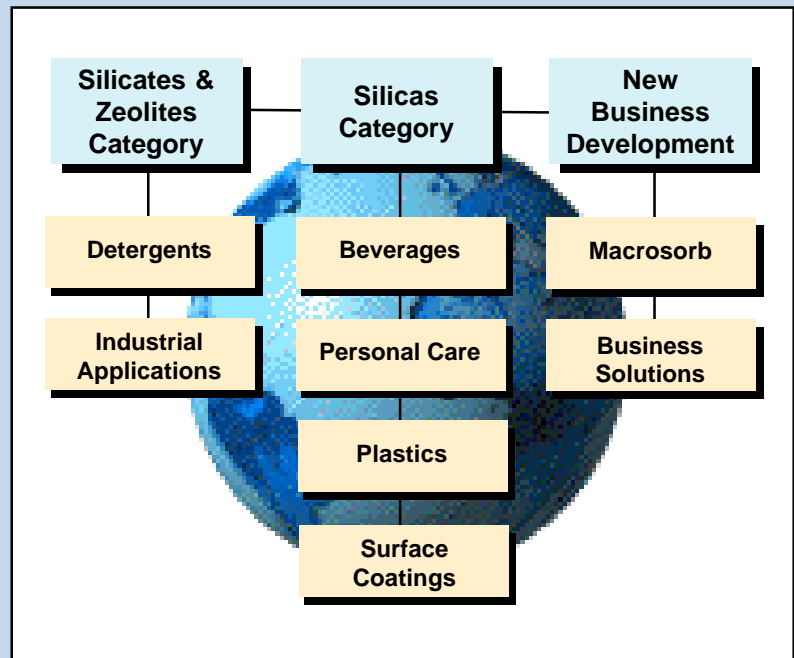
Today, customers are operating globally and need suppliers, like INEOS Silicas, who can satisfy their worldwide needs. Channelling efforts throughout the world, we work in partnership delivering high performance solutions in each of the industries we serve.

Through continual investment in increased production capabilities and a policy of global sourcing, we ensure our customers of product availability and reliability.

INEOS Silicas' R&D is continually developing innovative products and processes to enhance our customers' successes.

The New Business Development Group works closely with customers to utilise our technology in markets outside our existing business activities.

Categories & Strategic Business Units



Product Trade Names

Silicates & Zeolites

DOUCIL zeolites
 CRYSTAL sodium silicate liquors
 CROSLINK silicate adhesives
 PYRAMID silicate powders and (co)granules
 CRYSTAMET pentahydrate metasilicate (USA)
 DRYMET anhydrous metasilicate (USA)
 METSO pentahydrate and anhydrous metasilicate--
 excluding North America
 CROSFIX silicate adhesives
 SILACROS speciality products
 CROSFIELD potassium silicates
 MACROSORB magnesium silicates

New Business Development

ZEOCROS opacifiers and extenders
 MACROSORB water treatment system

Silicas

GASIL silica matting (flattening) agents
 CHILL-GARDE and LUCILITE beer stabilisers
 SORBSIL edible oil refining silicas
 SORBSIL indicator desiccants
 SORBOSIL toothpaste silicas
 MACROSORB adsorbents
 GASIL anti-blocking silicas
 EP & ES polymerisation catalysts and supports
 NEOSIL personal wash silicas
 NEOSYL, MICROCAL, MICROSIL and ALUSIL
 anti-caking/free flow aids & rubber fillers

Serving Your Industry

Consistent, efficient and cost-effective products are a must in every industry today. INEOS Silicas manufactures silicates, zeolites and silicas with batch-to-batch consistency, that our customers can rely upon year after year in their manufacturing operations.

Soluble Silicates

Soluble silicates and their derivative specialities are amongst the most widely applied performance chemicals that INEOS Silicas produces. Household detergent manufacturers throughout the world rely on them. Large quantities are supplied to the civil engineering, mining and oil communities for applications like ground stabilisation, grouting, sprayed concrete, drilling and in extractive operations. The paper industry is a large consumer for pulp bleaching or de-inking of recycled fibre and in adhesive applications such as tube and drum winding. Producers of cementitious and ceramic building materials depend heavily on soluble silicates as does the chemical industry for the production of downstream products such as synthetic silicas, sols, white pigments, catalysts etc. The refractory characteristics of silicates are widely exploited by the steel and metallurgical industries and numerous other sectors also make use of their unique combination of properties.

Zeolites

For many years the detergent industry has faced pressure to improve wash performance, reduce costs and continually enhance the safety and environmental aspects of products and their manufacture. In the last decade zeolites have found worldwide acceptance as an environmentally-friendly, cost-effective builder in detergents. INEOS Silicas is continually creating improved variants of detergent zeolites in partnership with our customers.

Silicas

Synthetic silica technology at INEOS Silicas has expanded greatly over the years and encompasses engineering different forms of silica (including hydrogels, micronised gels and precipitated silica) and optimising their performance in a wide range of industrial applications which includes matting (flattening) agents in coatings, antiblocks, catalysts and catalyst supports for the polymers industry, beer stabilisers, adsorbents in edible oils, cosmetic thickening agents, abrasives and thickeners in toothpastes and absorbent desiccants. Silica consistency at all our manufacturing locations is the number one factor driving the global success of our products.

New Business Development

The New Business Development Group's purpose is to find and develop new opportunities in collaboration with our customers. This is achieved by combining INEOS Silicas' diverse experience and knowledge together with that of our partners to provide innovative solutions.

For example, we have worked closely with textile manufacturers worldwide and an engineering partner to develop the MACROSORB system which cleans and permits re-use of dyehouse effluent water. We developed the ZEOCROS range of opacifiers and extenders in conjunction with customers and Industrial Research Institutions to satisfy the changing needs of paper and plastic manufacturers.

INEOS Silicas' Commitments

Responsible Care

Through membership of regional chemical bodies such as CEFIC in Europe and the CMA in the United States, INEOS Silicas subscribes to Responsible Care®. These programs are a commitment to provide responsible management of chemical businesses and continually improve performance in safety, health and the environment.

Safety

The entire organisation is dedicated to maintaining a safe environment for all employees and the community. Employee training and safety meetings are just some of the many ways we promote a safe environment. Employee commitment to improved safety, both at work and at home, is fundamental to the success of our safety programs.

Health

INEOS Silicas ensures that products are handled and processed in accordance with all national and local regulations. Material Safety Data Sheets are readily available for all products, upon request, to our customers, employees and the community.

Environment

INEOS Silicas actively supports the preservation of the environment in every location and continually invests in new technologies to protect the natural resources surrounding our facilities.

Employee Development

INEOS Silicas' continued success is based on one key factor: our people. Recognising this, employee education and development are part of the learning culture within the entire Group. Management is committed to ensuring that every employee has the opportunity to seek further education and develop his or her skills to the maximum.

Innovation Recognition

Through the Innovation Award Program, annual awards are presented to individuals and teams for innovative processes and developments.

INEOS Silicas encourages diversity because it enhances creativity, expands imagination and fosters innovation.

Continuous Improvement

Total Productive Management (TPM) is another method INEOS Silicas uses to promote continuous improvements in every process.

ISO Certification

All INEOS Silicas locations operate to the highest quality standards and are certified or in the process of obtaining ISO certification.

Further Information

To learn more about our company or our silicate, zeolite and silica products, please feel free to contact us at any of our locations or at www.crosfield.com.

We look forward to working with you to continue our paths of success, well into the 21st century!

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Global Manufacturing Capability



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