



Heubach



Company Profile

heubach
COMPETENCE IN COLOR

Colorful

is my
favorite
color

Walter Gropius

Heubach's success story began in 1806 when the Goslarer Farbenfabrik facility was founded and Heubach became one of the first-ever manufacturers of pigments. The wealth of chemical expertise gained by our company in the field of pigment production laid the foundation for the diversification and extraordinary international growth we have experienced in recent decades.

Our development into one of the world's leading producers of high-quality organic and inorganic pigments as well as pigment preparations is largely the result of innovative product developments, strategic acquisitions, and global expansion.

We provide our customers with high-performance coloring and protection solutions for industry-specific requirements. The extraordinary breadth of our portfolio encompasses anti-corrosive pigments, organic and inorganic high-performance pigments, and pigment preparations for paints, varnishes, plastics, coatings, printing inks, latex, adhesives, and construction materials.

Company Data

Facts and figures

Locations

Langelsheim, Germany
Ankleshwar, India
Fairless Hills, USA
Hangzhou, China

4

Production Facilities

Langelsheim, Germany
Ankleshwar, India
Fairless Hills, USA

3

Employees



1,006

Years of experience

> 210

Production capacity (t)

28,800 (Germany)
20,700 (India)
13,400 (USA)

62,900



Turnover (EUR million in 2018)

204



Langelsheim (Germany)

Our company's headquarter has been located in Langelsheim, Germany, since its founding some 210 years ago. Heubach produces high-quality inorganic color pigments, anti-corrosive pigments, and pigment preparations here.

We continue to expand our production capacities at our German site on an ongoing basis in order to meet the steadily increasing demand for our products and the requirements placed on them. In addition to commissioning a second line of fully automated calcination technology for manufacturing complex inorganic color pigments (CICPs) in 2016, we extended our pigment paste capacity to include an innovative, highly flexible production concept at the beginning of 2017.

Fairless Hills (USA)

Heubach boosted its presence in North America by establishing a new subsidiary in Fairless Hills, PA, in 1988.

Today, Heucotech Ltd. is one of the leading manufacturers of specialty pigments and pigment dispersions for the paint, printing ink, and plastics industries in this region.

To meet increased global demand for our high-quality and, in particular, zinc-free anticorrosives, we completed and commissioned a new production plant for anti-corrosive pigments in 2018. Furthermore, this investment ensures that we can satisfy the local needs and requirements of our customers in North, South, and Central America to the fullest.

Hangzhou (China)

The Heubach group further expanded its presence in the Asia-Pacific region with the establishment of the Hangzhou Heubach Pigment Co., Ltd. in China in 2009. A sales/marketing team looks after national and international customers in the Chinese marketplace. We also enhanced our services for regional clients by adding warehouse and laboratory capacities for paints, coatings, plastics, and inks.

Ankleshwar (India)

Heubach Colour Pvt. Ltd. was founded in 1995 in Ankleshwar, Gujarat, and manufactures Phthalocyanines, HPP reds and yellows, and DPP/QA's pigments. This site has global scale capacities, and its full range of products in the organic pigment portfolio places it among the top producers in the world. Heubach India has a dedicated R&D center, application and analytical labs for developing organic pigments and preparations for applications in paints, inks, and plastics as well as niche applications like automotive paints, digital printing, and color filters.

Locations



Heubach's three production facilities and service centers on all continents provide our customers with support exactly where pigments are in use. All of the factories belonging to the Heubach Group are wholly owned by the family, and each carries out research and production to the same high standards and holds internationally relevant certifications.

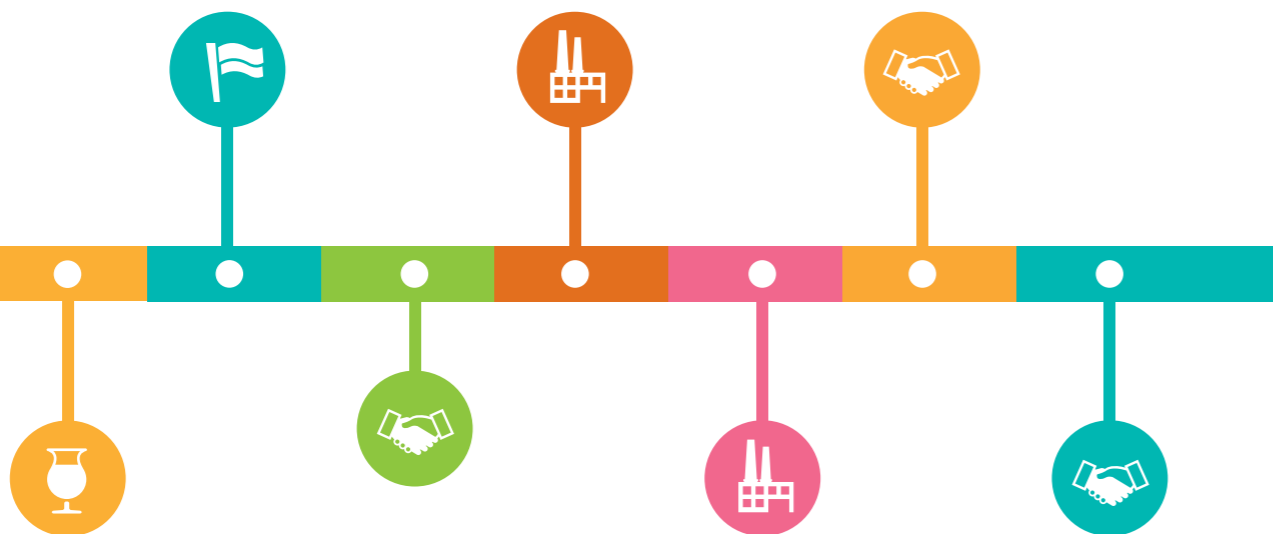
1350
The Heubach family starts making decorative glassware
1806
The beginning of the pigment business

1350

1984
Acquisition of the Dupont de Nemours pigment division
1988
Incorporation of Heucotech Ltd., USA

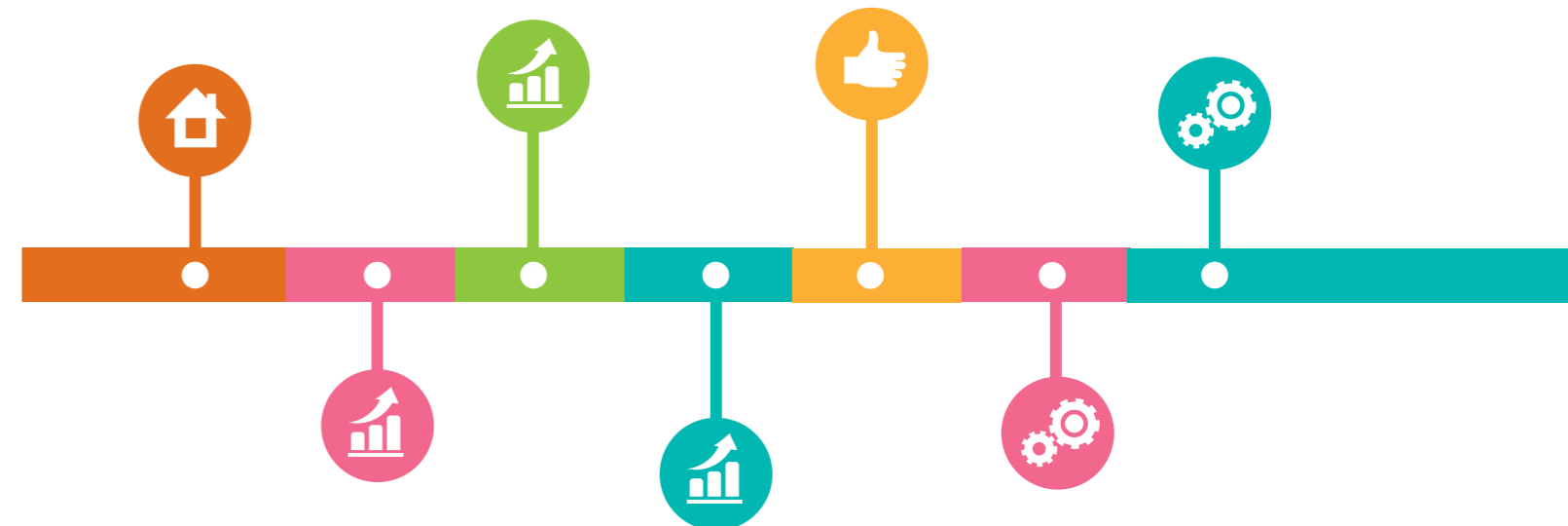
1994
Foundation of Heubach Colour Pvt. Ltd. in India
2002
Acquisition of Bayer AG's lightfast pigment division

2003
Acquisition of Avecia's (formerly ICI) organic pigment business
2009
Foundation of Hangzhou Heubach Ltd. Co, China



The History of Heubach

Milestones



2010
Extra colorant capacity added in US and Germany
2012
Indanthroncrude facility inaugurated in India

2013
Inauguration of a new production facility for CICPs in Germany

2016
Installation of a second fully automated calcination technology for CICPs in Germany

2017
Commissioning of a new colorant technology concept for the manufacturing of pigment pastes in Germany and expansion of phthalo crude production in India

2018
Inauguration of a new production facility for ACOs in the USA

2018

Organic pigments

Organic pigments exhibit outstanding fastness properties to light, weather, solvents, heat, and overpainting. Chemistries such as Phthalocyanine Green and Blue, Indanthrone, Anthanthrone, Quinacridone, Isoindoline, Diketopyrrolo-Pyrrole, and Benzimidazolone are the key products in this segment, and they are supplemented by a wide range of Azos.

Inorganic pigments

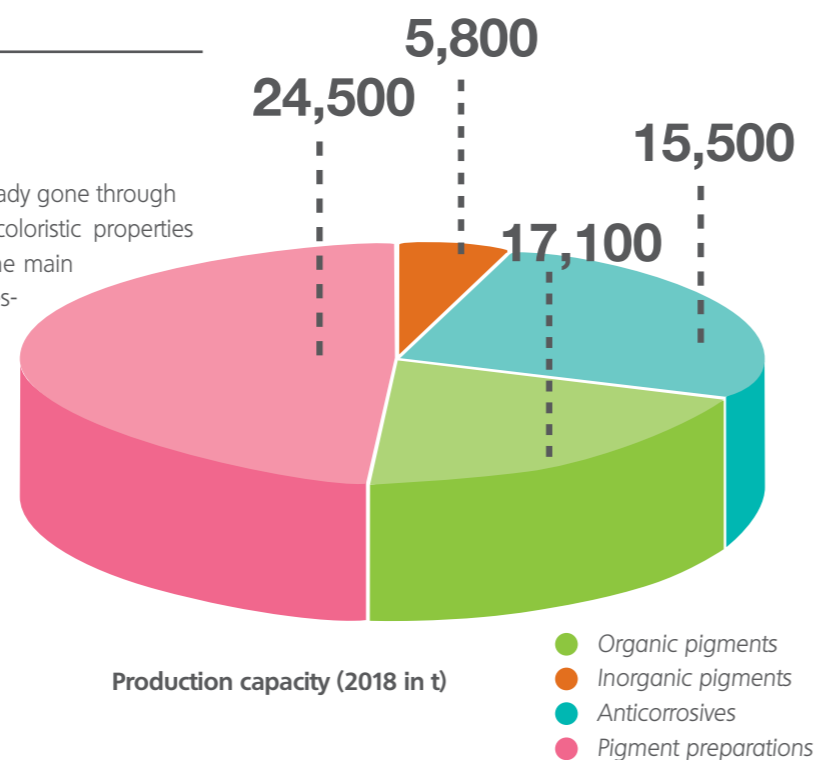
To date, complex inorganic colored pigments are the most stable class of pigments developed by the color industry. They satisfy the highest demands for heat stability and chemical inertness as well as weather and light fastness, while taking into account the ecological aspects of the end product. Nickel and Chrome Rutile Yellows as well as Spinell Blue, Black, Green, and Brown pigments are available in a large variety of color shades. Bismuth Vanadate pigments combine the outstanding fastness properties of an inorganic pigment with the unique high chroma, greenish yellow color shade.

Anti-corrosives

Anti-corrosive pigments such as zinc phosphates, modified orthophosphates, high-performance polyphosphates, organic inhibitors, and zinc-free compounds inhibit the degradation of metal. Their efficiency depends on their solubility, purity, type of ions, pigment-polymer interactions, morphology, pigment volume concentration, the environment in which they are placed, and the substrate.

Pigment preparations

Pigment preparations consist of pigments which have already gone through an optimal dispersion. This ensures that the optimum coloristic properties match with the individual requirements of the end use. The main advantages of pigment preparations are: universal processing characteristics; easy incorporation in different base systems; development of any customer specific grade possible; lower formulation costs; clean and safe workplaces.



Products

Pigments and pigment preparations



Heubach's comprehensive product range encompasses high-quality organic and inorganic colored pigments, pigment preparations, and customized color shade solutions. In addition, Heubach produces a variety of corrosion inhibitors.

The majority of our products are used in paints, coatings, printing inks, and plastics. Furthermore, the color and protective pigments from Heubach are suitable for use in many other fields of application, for example, the coloring of latex, seeds, adhesives, or building materials.

Application Fields

Corrosion protection



Corrosion inhibitors that dramatically extend the life of structural metals.



The degradation of metal results from exposure to weathering, moisture, chemicals, and other agents in the environment in which it is placed. Worldwide, corrosion destroys around five tons of steel every second. Anti-corrosive pigments inhibit this process either chemically and/or electrochemically or physically.

Identifying the right anti-corrosive pigment for a paint or coating application can prove a complicated undertaking, as the performance of anti-corrosion pigments depends on a number of factors (binder agent system, base coat, formulation, etc.).

Supported by extensive laboratory facilities, we are continually working to identify both local and global solutions for our customers within the coatings industry. With the help of all kind of specific application and measuring equipment, we are able to assist our customers in identifying the right solution, no matter how challenging their task.

Paints and coatings

Organic and inorganic pigments and pigment preparations for enhanced paint performance.



Paints and coatings decorate and protect the objects they cover. Given that their industrial applications range from the aerospace and automotive industries to coil, architectural, and refinishing uses, paint formulations need to meet any number of technical criteria.

Heubach's pigment compounds provide paints with key attributes such as color strength, coverage, durability, chemical inertness, light and weather fastness, as well as good environmental performance.

Our portfolio is packed with ground-breaking pigments, and we continually strive to push the boundaries of pigment science in order to create new, more effective solutions. When paint formulations require additional expertise, we also provide global support in developing and customizing preparations for specific purposes.



Application Fields

Construction



Inorganic color solutions for today's high-performance construction materials.



The availability of high-performance construction materials is essential to modern architectural design. From concrete products, such as colored roof or glazed wall tiles, to plaster or ceramic products, demands on the appearance and durability of construction materials are continually increasing.

Colored products need to maintain their original appearance throughout the lifetime of the building, regardless of weather and climate.

Heubach's complex inorganic color pigments are designed to do just that across a vast range of industry applications for construction materials. These pigments satisfy the highest demands for heat stability and chemical inertness as well as weather and light fastness, not to mention safety and environmental standards.

Colorants and tinting systems

Pigment preparations and pastes backed by over 200 years of expertise and innovation.



Heubach's colorants for the tinting of water based construction products and universal architectural applications are based on a well-balanced mixture of high-performance organic and inorganic pigments. The result is high-quality tinting in both point-of-sales (POS) and in-plant applications (IPT).

Providing full compatibility with the latest ecological requirements and market leading systems, these dispersions cover the full spectrum of colors in uncompromising quality. Opacity, light and weather fastness, shade, accuracy, reproducibility, strength, and rheological properties are all guaranteed by our high product development and production standards.

Heubach is always focused on offering the latest innovative and cost-effective solutions to meet the daily challenges faced by our customers. A team of technical specialists and partners around the globe is always ready to advise customers on their questions relating to color service, product quality, software, tinting machines and their installation, and provides an ongoing package of services afterwards.



Application Fields

Plastics



High-performance organic and inorganic color solutions for plastics producers and compounders.



Products made of plastics are a vital part of our everyday lives, and the quality and permanence of consumer and industrial products continue to improve. To this end, Heubach provides an extensive range of high-performance organic and inorganic pigments to the plastics industry.

Heubach's pigments guarantee maximum color strength, stability, and low coloring costs – and they are ideally suited to a wide range of applications, including masterbatches, PFC pipes, PFC window profiles, vinyl coverings, gutters, roof profiles, as well as fibers, films, sheets, and technical profiles for all common thermoplastic materials.

Heubach also offers tailor-made pigment preparations that are specifically prepared for compounders, formulators, and extruders, enabling them to enhance the performance of their plastic products both in terms of visual impact and user benefits.

Printing inks

Dedicated organic pigments and pigment preparations for offset and liquid-ink applications.



Printing inks play a major part in contributing to the colorful world we live in.

With our organic pigments and pigment preparations, we provide excellent gloss, high tinting strength, broad compatibility, and outstanding transparency for offset inks, publication gravure inks, solvent-based packaging inks, water-based packaging inks, and decorative laminate inks.

Offering increased flexibility, Heubach pigment preparations streamline processes and the manufacturing cycle of water-based liquid inks, enabling us to respond quickly to customer demands without compromising quality or performance.



Customer Satisfaction

Service and quality



Common standards for quality, the environment, energy, health and safety.

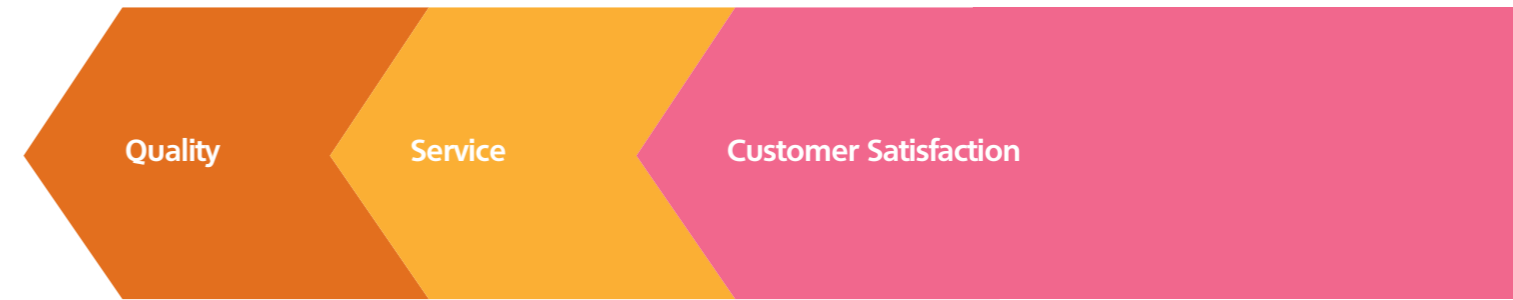
At Heubach, customer satisfaction comes first. Our sites in Germany, the USA, India, and China ensure our ability to provide on-site support with all the benefits. This entails: developing solutions to meet specific customer requirements, short delivery times, and stocks that meet local requirements.

Active service centers at both the global and regional levels put us in close proximity to our customers, ensuring that we can provide them with the technical support that is essential for implementing customer-specific requirements and solutions.



Our services:

- › On-site support thanks to a global team of pigment experts
- › Consulting and support for color- and product-specific issues
- › Development of products, color formulations, and services in line with customers needs
- › Internal lab and R&D capacities
- › Accelerated weathering tests (e. g. Xenon, QUV)
- › Fast order processing and sample dispatch
- › Organization of workshops for customers and partners



Technical laboratories and centers

Fully equipped technical laboratories and centers enable us to carry out tests for all relevant applications, such as printing inks, paints, and coatings, including corrosion protection, coil, and powder coatings and plastics.

Analytical laboratories

Analytical laboratories that specialize in determining chemical and physical parameters as well as product characterization are also available. This includes determining the particle size, analyzing inorganic and organic traces, as well as a whole range of other parameters.

Custom color adjustments

Custom color adjustments play a significant role in both coatings and plastics applications. We have extensive expertise in developing colors for a variety of plastics, paint, and coating systems. Depending on fastness properties and the application or processing requirements, we can deliver the right color for different applications, plastic compounds, or even a specific paint system.

Colorimetric and weathering laboratories

Heubach's service package is rounded out by colorimetric laboratories and testing facilities for implementing the light and weather resistance of our products.

Guaranteed for quality – our certificates:

Quality management system	DIN EN ISO 9001
Environmental management system	DIN EN ISO 14001
Energy management system	DIN EN ISO 50001
Occupational health and safety	BS OHSAS 18002
Responsible care	

Innovation

Research and development

69 Employees



The performance capabilities of pigments are far from reaching the end of their possibilities: We conduct research projects that seek to rigorously advance the diversity of our pigment portfolio and their forward integration in preparations. This enables us to offer our customers the best possible solutions for their specific requirements at all times.

We supplement our own research capabilities by participating in collaborations and strategic alliances with partners in the fields of industrial and academic research. They include leading universities, research institutes, partner firms, and our customers.

We work together to develop pigment innovations that not only improve the performance capabilities of the color and material; they also pose no risk to health or the environment.

We also meet the challenges of today and ensure our company's long-term growth by promoting a culture of innovation in every area of the company. And our employees are our most important success factor in these efforts. This means promoting creative potential, improving cooperation and communication, and creating a climate that encourages innovation.





Sustainability

Green chemicals in all colors



The only way to ensure our commercial success over the long term is by adopting a sustainable approach in dealing with the requirements and needs of our stakeholders and the environment.

As a manufacturer of chemical raw materials, we cannot completely avoid environmental impacts, as our company uses up resources, and the production process produces emissions, wastewater, and waste. However, we can continuously minimize the risk of polluting factors and thereby ensure that we take careful, responsible action with respect to the environment.

This is why we strive to continually improve the already high standards of safety and environmental compatibility of our products and processes.

Our comprehensive HSE and quality management systems ensure that all products are monitored, tested, and evaluated to protect the health of both employees and consumers.

As an organization that is aware of its social responsibility, we contribute toward the future survival of a society that is worth living in: We encourage the development of our staff around the globe and support projects to secure the common welfare of the regions in which our sites are located.

Furthermore, we bear responsibility for future generations: Our employees are committed to advancing efforts to avoid and minimize emissions and waste, and to protecting raw material and energy resources that are in short supply.

Our stringent standards governing occupational health and safety as well as environmental protection are implemented in all companies belonging to Heubach Group.

The following three examples illustrate our commitment:

In India, Heubach uses reverse osmosis to recover clean water, supports ecological projects, and operates a generator park which utilizes 100% of the generated energy, including hot water.

We developed an energy strategy for the production area at our German site, which is to be implemented by 2020 (base year: 2015). The goal is to improve energy efficiency by around 4% by 2020 using the latest technologies.

As part of an R&D project, Heucotech furthermore sought to identify potential renewable sources to replace the petroleum-based raw materials currently used. By working together with a customer, Heucotech was able to come up with a dispersion containing around 38% bio-renewable material – with equal or better application properties.



Employees

Expertise and experience

Qualified and motivated employees are critical to the success and reputation of any business. For this reason, we see it as our major responsibility to offer our employees an attractive working environment and to create opportunities for professional and personal development.

For this reason, promoting young talent and providing ongoing advanced training for our professional and managerial staff are important components of our personnel development approach.

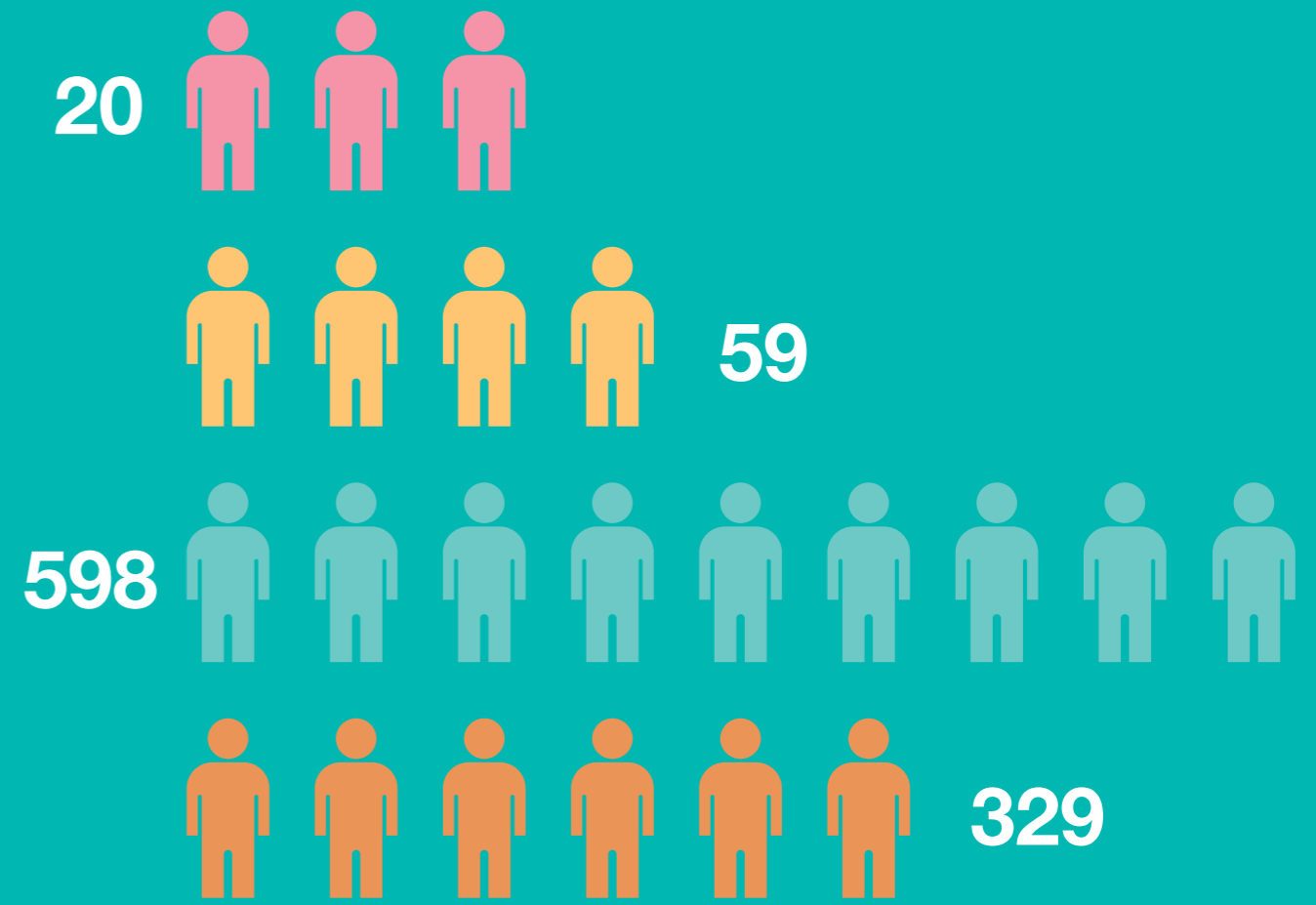
Heubach offers four training occupations in the natural science, technical, and commercial areas as part of its in-company training program: We train chemical laboratory technicians, industrial mechanics, warehouse specialists and industrial clerks.

We provide a broad range of training courses to ensure that our employees are continually enhancing their qualifications and level of knowledge in the various specialist areas. In addition to subject-related training courses, this also includes language courses, IT, and personal development training.

By offering both individual, external further training courses as well as in-house training and team development measures, Heubach also prepares junior managers for leadership tasks and systematically and continuously develops its executive staff.

In addition, our health management program actively contributes to maintaining the health and performance of our employees: This includes the ergonomic adaptation of workplaces, the implementation of necessary measures as suggested by the risk assessment for mental stress, and various other health-related services.

We also have taken various measures within the field of occupational safety. These include, for example, increasing awareness among our workforce through safety campaigns and instructions, as well as the use of all other available prevention tools, such as risk and hazard assessments or safety inspections. Furthermore, we work alongside other chemical companies by participating in a safety-at-work initiative as part of a regional network.



Employees*

- China
- USA
- India
- Germany



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