



Variety is our strength



Versatility and reliability

Demand for individualised products will continue to grow in the future. And we are ready for this increase. The versatility and reliability of ACTEGA Coatings & Sealants are borne out around the world by the company's products and applications.

We draw on customised solutions and high production capacities to guarantee the delivery of your orders on time, no matter how big. As demand for an even wider variety of products and a longer shelf life continues to grow, the global market is faced with the challenge of being ever more flexible and delivering even more intelligent packaging solutions. We rise to these global challenges and exploit the wide array of opportunities offered by the international market.

ACTEGA Coatings & Sealants works closely with companies all around the world and comes up with individual solutions for all sorts of very specialised requirements. Our clients appreciate this greatly, as do millions of end consumers too.

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A strong partner

ALTANA AG is a global speciality chemistry concern comprising four brands that offer comprehensive solutions for all sorts of different day-to-day situations. In the ACTEGA brand eight companies form a global association and five of these are active in our Converting Specialties business division.

We are constantly expanding our presence in our target markets around the world in order to maintain proximity to our clients, wherever they are. We constantly share our expertise within the company and make the most of any synergies that arise, allowing us to act as your one-stop shop for comprehensive cross-system solutions. This gives us a decisive competitive edge in terms of expertise, which we are able to pass on to you, our clients.

ACTEGA Coatings & Sealants is your specialist for packaging coatings and sealants. ACTEGA is already the world's top supplier of sealants for caps and glass jars and the unique technology specialist for water-based can sealing compounds. We see this level of success as confirmation that we should continue to endeavour to build on our core competencies.

ALTANA

ACTEGA
Coatings & Sealants

BYK
Additives & Instruments

ECKART
Effect Pigments

ELANTAS
Electrical Insulation

Converting Specialties:

Coatings for rigid metal packaging

- ACTEGA Foshan
- ACTEGA Rhenacoat
- ACTEGA Rhenania

Coatings for flexible packaging

- ACTEGA Foshan
- ACTEGA Rhenania

Closure compounds

- ACTEGA DS

Can sealants

- ACTEGA Artistica





Protective and functional

Can coatings are an excellent way in which to add the finishing touch to tin cans and other forms of rigid metal packaging. Our special interior coatings protect the contents of the can for a long shelf life, while our exterior coatings are visually enhance the packaging.

There is virtually no end to the ways in which our can coatings can be used, from food and drinks cans, aerosols and decorative tins to industrial drums.

In addition to a wide array of special coatings, we are also one of only two companies in the world to provide sealants for can lids, crown caps, and jar and bottle caps. As we can supply all of these services from a single source, you are able to make the coatings and sealants of all your different types of packaging match to perfection.

Our companies in the field:

- ACTEGA Rhenacoat
- ACTAG Foshan
- ACTEGA Rhenania



It takes an ongoing process of improvement to maintain a level of excellence. Day in, day out, our R&D departments work on developing innovations that are not only safer for the consumer, but that also boost the manufacturer's productivity.

Constantly working towards improvements

The success of our company rests on ongoing innovation in all areas, and in particular on coming up with innovative processes and products. We review what we have done in the past and hammer out better solutions for the future. We turn exciting new developments into workable and highly suitable solutions – making good solutions even better and the tried and tested even more rounded.

We take a practice-based approach to our work and turn the latest findings into new ideas. Our research departments then take these ideas and turn them into innovative and practical new products. We see innovation first and foremost as being a process of regeneration and positive, targeted development.

We gauge our progress in terms of customer satisfaction. As a result, all of our solutions are as unique as the clients we develop them for.

Recognising the importance of innovation, we never stop investing heavily in research and development. Throughout, we focus on market and customer-oriented product development and the exchange of cutting-edge expertise and state-of-the-art technology. This pronounced culture of innovation makes us flexible and versatile. And it takes this kind of versatility to be the market leader.



Thierry Tabeaud
Managing Director of ACTEGA Rhenacoat, France



A strong bond

Our special coatings are suitable for an array of applications, from yogurt lids and blister-packed pharmaceuticals, to bottle and jar caps, trays for ready meals, and forms of flexible packaging that are sterilisation-proof.

Our special coatings can be applied to aluminium or plastic foil, paper or any other substrate in lengths and can act as a strong bond between the substrate and a variety of plastics. They can also serve as a heatproof

printing primer and protect the contents of the packaging and the packaging itself during and after sterilisation.

From many years of close cooperation with major manufacturers of flexible packaging materials, we have been able to garner the expertise that has made us a market leader in this field. Our teams of experts are constantly presented with new challenges, which they rise to in a target-oriented manner.

Our companies in the field:

- ACTAG Foshan
- ACTEGA Rhenania



No two products, manufacturing facilities or bottling plants are alike and nobody knows your business and your products as well as you do. So let's get together to pinpoint the very best solutions for your needs.

Reciprocal learning

Maintaining a constructive dialogue with our clients is something that is of particular importance to us. This is because we firmly believe that, above and beyond the technological advances of recent years, the success of a global company primarily rests on a sense of mutual trust and understanding.

We are able to offer you tailor-made products and technical solutions in keeping with your requirements whenever you need them, thanks to expert consultation at your premises and the highly professional work of our in-house laboratories. We devise our products exactly with your requirements, production methods and machinery, and the material to be processed in mind. Before we start, we sit down with you to flesh out the specific requirements of your production processes in detail. Only then do we set to developing and producing your individual, bespoke solutions.



Gerd Judith
Managing Director of ACTEGA Rhenania, Germany,
Business Line Manager



Longer-lasting freshness

You will encounter our compounds wherever packaging is designed to contain carbonated drinks, a protective vacuum or other liquids or volatile substances.

ACTEGA's comprehensive product portfolio comprises everything from PVC plastisols for applications such as screw caps to PVC granules and PVC-free TPEs (thermoplastic

elastomers). In addition, we can offer you tailored solutions that we develop together with you and our business partners. Take our SVELON® and POLYLINER® product ranges, for example, the outstanding properties of which have set standards for PVC-free granulate materials for crown caps and plastic caps.

Our company in the field:
• ACTEGA DS



Stringent checks and tests during and after the production stage result in the high level of safety required when dealing with foodstuffs.

We strive for perfection

One of the main areas of application for our compounds is sealing systems for the foodstuffs industry. We reliably protect products from external influences and in doing so, extend the product's shelf life, even in the case of more sensitive contents such as beer, mineral water and green tea. Together with our customers, we provide unwavering first-class quality in the form of perfectly combined closures and sealants.

Our quality ethos starts with using top-quality raw materials and goes right through to our use of state-of-the-art production machinery and lab equipment. A crucial factor is our highly qualified staff, whose commitment results in highly efficient quality management and ongoing process improvements across the board.

When you use ACTEGA compounds, you can rest assured that your products will reach your customers in exactly the same high quality as when they were canned/bottled. And as your products make their way to the customer, our compounds masterfully live up to the expectations made of a closure. For example, optimal pressure and vacuum levels are maintained inside the packaging, even when knocked. The compounds' barrier properties protect the contents from harmful external influences and from exposure to oxygen. Together with top suppliers of the raw materials we use, our highly motivated research department makes sure we are always ready for the next challenge and rises to the even the most exacting challenges. Thanks to our expertise, the bottled/canned contents remain as fresh and as delicious as they should be, even in our globalised world in which products are transported over increasingly large distances.



Mark Wallace
Managing Director of ACTEGA DS, Germany



The art of sealing

Our water-based sealing compounds have been acting as efficient seals on food and beverage cans, and for other types of metal container for over 100 years.

The specific know-how developed on aqueous dispersions in combination with a deep understanding of customer lining and sealing requirements has led to a wide product portfolio for different packaging types, can-making processes and canned products.

Sustainability based on the use of natural and renewable raw materials is the key driver behind our continuous innovation work towards "green compounds".

Through our global network of lining experts, we offer consultancy and engineering services on request in order to assist our customers in improving the efficiency of their lines.

Our company in the field:
• ACTEGA Artística



State of the art manufacturing and R&D facilities support our customer oriented activities and set top quality standards both in our products and processes.

Acting responsibly

For ACTEGA, occupational safety and environmental protection are fundamental corporate goals on a par with the company's economic targets.

As a long-standing company, it goes without saying that we take our social responsibilities towards people and the environment seriously and we undertake to adhere to our company-wide environmental protection and safety standards.

All of our products and working methods are governed by a responsible approach that places the well-being of people and the environment at the forefront of our actions. At all times, our goal of economic success is shaped by a high degree of social awareness and responsibility towards our employees and society as a whole.



Teresa Ramos
Managing Director of ACTEGA Artística, Spain



from left: **Teresa Ramos**, Managing Director of ACTEGA Artistica, Spain, **Gerd Judith**, Managing Director of ACTEGA Rhenania, Germany and Business Line Manager, **Victor Loh**, Managing Director of ACTEGA Foshan, China, **Mark Wallace**, Managing Director of ACTEGA DS, Germany, **Thierry Tabeaud**, Managing Director of ACTEGA Rhenacoat, France

Contributing to your success

At ACTEGA, the desire to constantly do things better thoroughly shapes everything we do, and we develop our products in increasingly close cooperation with our customers. Because only by working together can we develop products that allow us to rightfully claim to be the market leaders.

In everything we do, we build on our many decades of experience. As Brutus says in Shakespeare's Julius Caesar: "Good reasons must give place to better". In other words, we feel obliged to make what's already good even better and to take what's tried and tested into the future with us.

Under the auspices of ALTANA, ACTEGA develops, manufactures and markets coatings and sealants around the world for all sorts of unusual and everyday types of packaging, closures and surfaces.

- ACTEGA products**
- protect a container's contents and functions.
 - are constantly being further developed.
 - forge secure bonds – bonds that are good for people and the environment.
 - are responsibly manufactured, tailor-made products.

Place your trust in ACTEGA's first-class products – products that always live up to the expectations that we, together, make of them, true to the motto of "Good reasons must give place to better".





Converting Specialties:

Coatings for rigid metal packaging:

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