

PACKAGING COATINGS



SHERWIN-WILLIAMS®

packaging.sherwin.com

A GLOBAL LEADER IN PACKAGING COATINGS

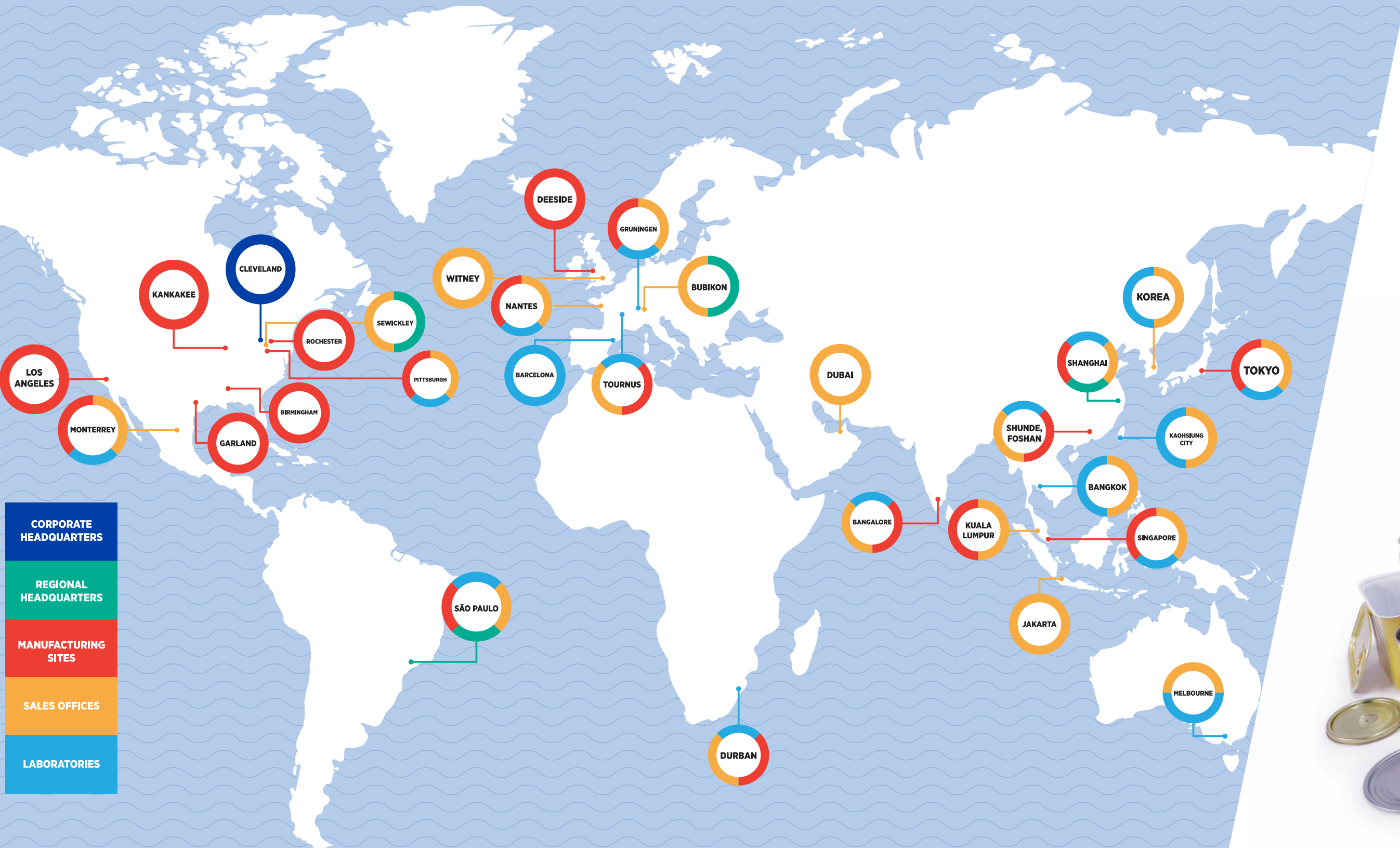
REGIONAL HEADQUARTERS

NORTH AMERICA
Sewickley, Pennsylvania

LATIN AMERICA
São Paulo, Brazil

EUROPE, MIDDLE EAST, AFRICA AND INDIA
Bubikon, Switzerland

ASIA PACIFIC
Shanghai, China



PROTECTING PRODUCTS AND BRANDS

Metal containers are a vital part of our lives. They keep beverages cold on hot summer days; preserve our fruits and vegetables; provide a safe food supply for our children and pets; and protect the medicines we use to heal our bodies. Life without metal packaging is hard to envision.

For more than 150 years, Sherwin-Williams has provided protection for cans, making them more colorful, versatile and durable. Not only were Sherwin-Williams products used to protect the world's first cars, appliances and skyscrapers, but we also developed the first vinyl protective coatings for beer cans in 1935. In fact, we've been operating a business devoted exclusively to packaging coatings since 1984.

Today, that business has grown to make Sherwin-Williams a leading supplier of packaging coatings solutions, offering customers the security and peace of mind that can only come from working with an industry leader.



AT THE FOREFRONT OF INNOVATION

The modern coatings industry is constantly changing and consumer preferences and government regulations are ever evolving - impacting can manufacturers and brand owners every day. This shifting landscape makes the legacy of innovation at Sherwin-Williams more critical than ever before.

Every year we heavily invest in research and development to meet new regulatory challenges and customer demands, protect the environment and improve coating performance. With this commitment, Sherwin-Williams creates new generations of packaging coatings, proprietary materials and technology platforms that address virtually every segment of the packaging industry.

FROM INNOVATION TO FORMULATION

Our history of investing in and developing leading technologies is strengthened by our rigorous development protocol, Safety by Design.

It takes a long time to get new, innovative products into the marketplace - requiring a step-by-step process on a global level.

At Sherwin-Williams, we start by outlining our performance goals, with safety as a primary concern. We also have a thorough validation phase that tests performance, consistent quality, ease of use and safety. Sherwin-Williams uses a stringent protocol, Safety by Design, as part of our development process, which screens materials to assure longevity and sustainability of new technologies. We have a tremendous capability for product stewardship and polymer development that supports our innovation strategy.

You can rely on Sherwin-Williams to help you meet the ever-changing market challenges of today and tomorrow.





THE SHERWIN-WILLIAMS PORTFOLIO OF PACKAGING SOLUTIONS

You find our coatings everywhere – in cans, bottles, pails, lids, caps, tubes, etc. Hardly a day goes by when our coatings are not an important part of your life.



BEVERAGE CONTAINER COATINGS

We supply coatings for the interior and exterior of two- and three-piece beverage cans (aluminum and steel), aluminum bottles, beverage ends and exterior tabs. These include waterbased, solvent-based and UV-curable rim coatings for retort and non-retort applications.



FOOD CAN COATINGS

We provide coatings for the interior and exterior of two- and three-piece food cans, including easy open ends (EZOE), internal and external systems, shallow and deep drawn cans, and liquid and powder side seam stripes.



CAP AND CLOSURE COATINGS

At Sherwin-Williams, we offer coatings for the interior and exterior of all types of closures, including lug, continuous thread, baby food closures, bottle crowns and wine caps.



AEROSOL AND SPECIALTY CAN COATINGS

We produce coatings for the interior and exterior of aerosol, paint and specialty cans (such as trays, tins and oil cans) for food, household, industrial and personal care products.



TUBE AND MONOBLOC COATINGS

Our product offering includes coatings for the interior and exterior of tubes and monobloc cans. The end-uses for tubes are food, pharmaceutical, personal care, household and industrial products. The end-uses for monobloc cans include personal care, household, pharmaceutical and industrial products, as well as monobloc bottle cans for beverages.



DRUM AND PAIL COATINGS

We offer technologies to meet manufacturers' specific food and non-food requirements for steel drums, pails, closing rings, flanges and plugs. These include conventional coatings, high-solids coatings and powder and water-based technologies.

THE NEXT GENERATION OF PACKAGING COATING TECHNOLOGIES

You can depend on Sherwin-Williams to provide you with the innovative technologies and coatings solutions you need now and in the future. With a worldwide presence, we engineer market-ready technologies combined with regulatory and application expertise – assuring global compliance anywhere, at anytime.

We pride ourselves in staying ahead of the curve for innovation and regulatory concerns.

Our products are specifically engineered in anticipation of potential regulatory requirements, and deliver the real, high-performance characteristics you demand for your most complex packaging processes and designs.

Innovation doesn't come easy. Sherwin-Williams has a thorough validation phase for new products – Safety by Design – which incorporates strict development protocols of performance testing, consistency of quality, ease of use and safety.

We take these measures to support our goal of offering you the very best packaging coatings

solutions in the industry, which helps protect the integrity of your brand.

LEADING THE INDUSTRY WITH SHERWIN-WILLIAMS NON-BPA COATINGS

Sherwin-Williams is a leader in the industry with more than 400 patents, including 49 non-BPA related patents and regulatory approvals in more than 100 countries. We have unmatched capabilities and expertise with our valPure® portfolio of non-BPA coatings.

valPure® V70 is the first non-BPA epoxy can coating that answers the need for choices in the market, delivers on changing consumer

preferences and achieves the same performance as BPA-containing epoxy coatings. valPure V70 represents the future of epoxy coatings for light metal packaging.

SAFETY BY DESIGN

These valPure technologies are developed using our rigorous Safety by Design protocol, supported by world-class technical service and strengthened by regulatory expertise that spans the globe.

Learn more about our valPure non-BPA coating solutions at valPure.com



REGULATORY KNOWLEDGE & LEADERSHIP

As the world's largest packaging coatings supplier, Sherwin-Williams has the regulatory knowledge and analytical expertise you need to achieve compliance with major regulatory agencies, such as the U.S. Food and Drug Administration (FDA), Health Canada and the European Food Safety Authority (EFSA), as well as with emerging standards in China, India and other parts of the world.

At Sherwin-Williams, our laboratories, people and equipment have been devoted exclusively to fulfilling the packaging coating requirements of customers for more than a quarter of a century. Our world-class team of regulatory experts have laboratories in Sherwin-Williams facilities around the globe in 25 countries, which are dedicated to packaging coating development.

Our vast regulatory knowledge translates directly into solutions for you. Whether we're developing a new coating or validating an existing product for a food or packaging application, Sherwin-Williams offers customers industry-leading regulatory services.

EXCEPTIONAL TECHNICAL SERVICE YOU CAN TRUST

Great customer service is essential to the Sherwin-Williams belief of providing complete customer satisfaction. We can work by your side, in your plant, to refine and perfect your application, or improve the performance and profitability of your manufacturing processes. Whether you are a small local beverage company or a large manufacturer with an international portfolio of brands, Sherwin-Williams will deliver the personalized, efficient and cost-effective service you deserve. In an industry often challenged by raw material concerns, you can count on Sherwin-Williams to meet your needs.

Sherwin-Williams provides you with the security and peace of mind that comes from having access to the industry's most extensive global supply network and its most comprehensive technical, application and regulatory expertise.

Sherwin-Williams will guard your brand as vigorously as we protect our own.

Over the years, we have provided packaging coatings for hundreds of thousands of products and earned the trust of many of the world's best-known brands. We're proud of that achievement and what it means for the success and reputation of your business.

QUALITY, A NEVER- ENDING JOB

Sherwin-Williams maintains a strong culture of quality, which covers every aspect of our business and is seamlessly integrated across all functions in our supply chain. Three major principles — customer focus, continuous improvement and commitment — guide the actions of all employees.

At Sherwin-Williams, we firmly believe there are always opportunities for improvement. All work is a process, and all processes can be improved. Sherwin-Williams employs numerous tools, including Lean Six Sigma and the ISO Quality Management System, to ensure delivery of the right products to our customers the first time, every time.

The strong quality culture at Sherwin-Williams permeates every aspect of our business, enabling us to offer opportunities that provide value to our customers as their partner of choice.



THE SHERWIN-WILLIAMS ADVANTAGE

At Sherwin-Williams, our packaging coatings protect and advance the design and heritage of many of the world's best-known brands. Whether your goal is to create a new package design for food, beverage or household products, meet ever-changing regulatory challenges or enhance the sustainability of a package, you can count on us to develop and deliver innovative custom coating solutions and provide the technical expertise and support you need. **We are Sherwin-Williams Packaging Coatings, and we are passionate about enabling the success of your package and brand.**

Sherwin-Williams offers a world of coating solutions for the packaging industry. To learn how we can help meet your next packaging challenge or improve the profitability of your manufacturing process, visit us at packaging.sherwin.com.

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