Safety by Design

At Sherwin-Williams, our coatings protect more than your products. They also protect your brands. Sherwin-Williams is the largest supplier of protective and decorative coatings for light metal packaging in the world and is a proud supporter of the metal can - the preferred, sustainable package in the industry.

Our strong position provides customers access to the industry’s most comprehensive technical application and regulatory expertise as well as the laboratories around the world dedicated specifically to packaging.

Sherwin-Williams’ packaging coating formulations have delivered decades of proven safety and performance. Today, safety and performance aren’t always enough. Consumer preferences and global regulations change quickly and are influenced by many factors.

Sherwin-Williams has the products and the support you need to protect your brand in these uncertain times. We are constantly developing next generation packaging products and innovations like our Safety by Design process. Our Safety by Design development protocol focuses on the early screening of materials for regulatory and environmental compliance, and works to ensure market acceptance and longevity of our products.

“Sherwin-Williams is a leader in the industry, with more than 400 patents, including 49 non-BPA related patents.”
Safety by Design

Safety by Design is a material selection process that is part of our product development protocol. The goal is to bring to market technologies that have a minimal level of regulatory concern now and in the future. This new design protocol includes consideration of current and emerging regulatory requirements, consumer and brand owner preferences, and testing as needed to determine chemical safety. Following are steps in the process to ensure products stand up to scientific rigor over the long term.

1. Product Development Ideation
2. Material Investigation Process
3. Monitoring Chemicals of Concern
4. Endocrine Activity Testing
5. Toxicological Testing
6. Migration Analysis
7. International Food Contact & Chemical Inventory
   Regulatory Approvals

Materials Designed to Minimize Risk

Regulatory Support
One benefit of working with Sherwin-Williams is the full support of our world-class team of regulatory experts. Working in Sherwin-Williams locations around the world, our experts are intimately familiar with the local, national and global regulatory challenges and environmental issues that affect your business. As a result, they can keep you informed about potential regulatory changes while providing our product developers with the information they need to keep your packaging products and operations ahead of the curve.

Sherwin-Williams is a leader in the industry, with more than 400 patents including 49 non-BPA related patents. Sherwin-Williams has unmatched capabilities and expertise in non-BPA coatings, with regulatory approvals in more than 100 countries including 35 non-BPA FCN (FDA Food Contact Notifications) regulatory approvals – the most in the industry.

Customer-Focused Product Development and Problem-Solving
valPure® coatings are backed by the industry’s most extensive research and problem-solving capability. Every year, we invest millions of dollars in an international network of laboratories. These facilities, filled with testing and analytical equipment, are staffed with experienced scientists and technicians devoted exclusively to packaging coatings, who can work in concert with you to develop new products, achieve regulatory compliance, solve manufacturing problems or to validate your existing food packaging products and processes.

The Sherwin-Williams Advantage
As the leading global supplier of packaging coatings, Sherwin-Williams helps develop, protect and advance the packaging design and heritage of many of the world’s best-known brands. Whether your goal is to develop a new generation of packaging designs, meet complex regulatory requirements or to enhance the sustainability of a packaging product, you can count on Sherwin-Williams to deliver the solutions you need.

Packaging Coatings
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The information in this document is intended to describe general characteristics of the listed products. It is provided in good faith and we believe it is accurate as of the date of publication, but we make no warranties as to its accuracy. Contact your Sherwin-Williams representative for further information and updates about these and other valPure® products.

*non-BPA - This designation indicates that the coating technology is based on polymeric components that are not derived from Bisphenol A.