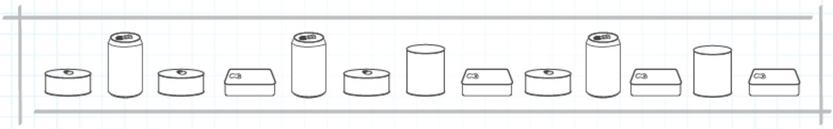
SAFETY by DESIGN

How we applied pharma safety protocol to develop our non-BPA epoxy.

using industry-leading standards and the pharmaceutical process as a model, Sherwin-Williams deployed a new development protocol for the early screening of materials for regulatory and environmental compliance on safety.

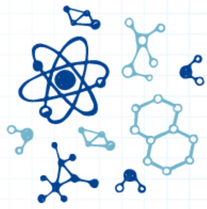
THE FOCUS?

Maintain food-packaging safety while ensuring performance and global regulatory compliance.



100-150+ potential molecules

Number of candidate molecules tested. Only a very few meet Sherwin-Williams' safety and performance standards and proceed to further testing.



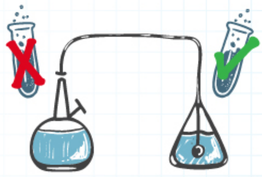
the CHOSEN few

molecules proven safe and effective are used to create compounds that:

- Do NOT contain any chemicals of concern
- Are NOT endocrine-active

100+ TESTS

conducted to ensure compound can protect food safety and meet our customers' high performance standards–and ours.



MOST APPROVALS and regulatory health requirements

Sherwin-Williams has the most approvals in the world for our non-BPA solutions, and they exceed most regulatory health requirements.

Thanks to Safety by Design, our technologies are approved for use in

more than 100 COUNTRIES.

Billions of cans in circulation today use valPure® non-BPA technologies.

SHERWIN-WILLIAMS®