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## Date

**Tuesday, Jan 10th, 2023**

## Location

**Zio Fraedo's Restaurant**  
 611 Gregory Lane, Pleasant Hill, CA.  
 (925) 933-9091

**Time: No Host Bar 5:30 pm • Dinner 6:30 pm • Program 7:15 pm**

**Cost: \$10 AMPP members/non-members, and General Public**

*Please RSVP immediately by the Eventbrite. Cancellation deadline is Friday January 6<sup>th</sup> 2023*

*Visit the Section Website at [www.ampp-norcal.org](http://www.ampp-norcal.org).*

*If you need additional information, please send the email to [AMPPNORCAL@OUTLOOK.COM](mailto:AMPPNORCAL@OUTLOOK.COM)*

## TOPIC:

Molecular level composites for advanced fusion bonded epoxy performance

## SPEAKER:

Dr. Jeffrey D. Rogozinski  
 Global Product Director  
 The Sherwin-Williams Company

## ABSTRACT:

Fusion bonded epoxy (FBE) based chemistries have been the preferred approach as they provide exceptional resistance to corrosion and work synergistically with cathodic protection systems. This presentation addresses the next generation in pipeline coatings called Moisture Resistant Overcoat (MRO). This technology is quickly gaining traction with end users all over the world as it combines the protective properties of a traditional FBE based abrasion resistant overcoat (ARO) with enhanced moisture resistance, damage tolerance and flexibility characteristics typically associated with a single layer FBE system. In order to attain the performance improvement, it was necessary to take stratified and molecular-level composite approaches to combine multiple properties in one coating system. Designed to be used in for line pipe in coatings plants or in the field on girth welds, the MRO is applied on top of the FBE and they both chemically bond together during the epoxy cure. This creates a monolithic coating with a stratification of properties that enables differentiated performance and ultimately reducing the costs to asset owners during coating application.

## BIOGRAPHY:

Dr. Jeffrey D. Rogozinski has over 30 years of coatings experience and is a Global Product Director in Sherwin Williams Protective & Marine Coatings division. He has been with Sherwin Williams for 13 years. He is a member of multiple coatings societies and is an active consultant on global specification writing. He has his PhD in Applied Science: Polymer and Composite Chemistry from The College of William and Mary in Virginia.