



**Surface Finishers  
Educational Association**  
929 Newhall St., Costa Mesa, CA. 92627

## *Educational Zoom Meeting*

**Date:** Thursday, *January 12th*, 2023

**Where:** Zoom Meeting ( Where ever you are)

**Time:** **9:00 AM** : Meeting call to order with introductions,  
Announcements and Speaker Introduction.

**9:15 AM** : Speaker and Q&A

**10:00 AM** : Meeting will adjourn,

[Click Here to Register](#)

### **Topic:** Recently Qualified Chemical Agent Resistant Coatings for Ground Vehicle Applications

Minimizing signatures for military vehicles, subsystems, and components is critical to their survivability. In the area of camouflage, concealment, deception, and obscurity. Enterprise Ventures Corporation has qualified a Chemical Agent Resistant Coating (CARC) to the MIL-DTL-64159C specification, trade named the TALON Coating System®. Rob will discuss testing related to the technical qualification of the coating. This coating can be used effectively with any of the qualified CARC primers and provides signature management in multiple regions. This coating is designed as a drop-in replacement to the current standard CARC systems and requires no change to paint equipment or operations. In addition, this coating is color-matched to the CARC-L (low solar absorbing) coating colors to offer a complete ground vehicle system in green, brown, black, tan, and sand.

### **Speaker:** Rob Mason from CTC Concurrent Technologies

Rob Mason is a Subject Matter Expert in corrosion, material degradation, and coatings formulation, application, and implementation (inorganic and organic). He has over 30 years cumulative experience in surface engineering, coatings R&D, and testing and evaluation methodology development and execution. His corrosion work has included numerous material assessments and site visits to inspect water, wastewater, electrical, and mechanical components of ground vehicles, weapon systems, facilities, and infrastructure systems. He also has broad experience in additive manufacturing, sensor systems, return on investment calculations, microelectromechanical systems (MEMS), electronics manufacturing, hydraulics, composites, structural health monitoring, non-destructive evaluation/inspection/testing (NDE/NDI/NDT), environmental compliance, robotics, laser applicability, and critical infrastructure. He has co-authored over 90 technical publications, presentations, and book chapters on these subjects. He is also an experienced Project Manager and holds the PMP certification. He has over 18 years' experience in performance-based business development and capture management. He is a Principal Materials Scientist at Concurrent Technologies Corporation (CTC) and is based in Tampa, FL. In this role he provides technical and management support to CTC's clients in government and commercial industry. He earned his B.Sc. in Chemistry from Fairleigh-Dickinson University, New Jersey and took additional corrosion courses at Penn State University. He is an AESF-Certified Electroplater Finisher (CEF), a long-standing member of NACE / AMPP International, and a NACE-certified Corrosion Technologist.

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## 2022/2023 CALENDAR OF EVENTS

### Upcoming SFEA Educational Dinner/Meetings

Date	Speaker	Topic
January 12	Rob Mason.	Recently Qualified Chemical Agent Resistant Coatings for Ground Vehicle Applications
February 9	Coming Soon	
March 9	Coming Soon	
April 13	Alicia Moreno From Chrome Plating USA	"Parts Handling In Electroplating - Rack, Barrel, Hoist, Hand-Wire"
May 11	Coming Soon	

Barbara Kanegsberg ( Program Chair) along with the rest of the SFEA board members, are hard at work lining up the 2021/2022 speaker list. We strive to find interesting and educational topics and knowledgeable speakers that will bring a message to benefit you and your business. You can help by....Letting us know if there is a topic you would like to hear someone speak on ...OR...if you or someone you know would like to be a speaker for next year let us know!



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## MFASC Continuing Education Seminars

**Steven's Steakhouse**

**5332 E. Stevens Place, Commerce, CA**

**3:00-5:00**

[Click Here](#) for the Southern Chapter Events

**For MFASC meeting information call:**

**MFASC Headquarters—**

**Veronica Anderhalt - (818) 238-9590**



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**2023** June 6-8  
Cleveland, Ohio



## SUR/FIN 2023

Join us for three days of informative programs, and activities from **June 6-8, 2023 in Cleveland, Ohio.**

Registration Coming Soon.

For more information on exhibiting or sponsorships contact Alan Goodin at [AGoodin@kellencompany.com](mailto:AGoodin@kellencompany.com).



## California Manufacturing Technology Consulting

A non profit dedicated to improving the manufacturing community in souther California [www.cmtc.com](http://www.cmtc.com)

Check out how the CMTC programs and find out how they can help your business:

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## California Resource Management Association

### RCRA/DOT HAZMAT TRAINING

RCRA/DOT HAZMAT Training Course sponsored by the California Resource Management Association.

For Generators who Manage Hazardous Waste / Sign Manifests, Drivers, Loaders (90-day, 180-day area).

This 1-Day class informs students of the current regulations pertaining to hazardous materials and waste. Students will also be informed of the new post 9/11 DOT security regulations HM-232. Class includes Waste Management for employees working in the "90-Day" area.

[REGISTER NOW](#) for these upcoming dates: LIMITED

SPACE available: **Monday, January 30th, 2023**

**EMAIL FOR INFORMATION** [info@calrma.com](mailto:info@calrma.com)

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## **Check out the SFEA Web Site!!!**



[www.sfeasc.org](http://www.sfeasc.org)

[Click Here to Check it out!](#)

The **SFEA** website is up and running, but we could still use your input .... so Please contact our web master **Kathy Petruna** 714-969-1413 or [kpetruna@gmail.com](mailto:kpetruna@gmail.com) with any thoughts, ideas or info to make this a better and more useful site for you.

*Help make this site something that everyone can benefit from.*

**THE "Surface Finishers Educational Association" LIBRARY is here to serve you.**

**The library location has been moved to Technic**  
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**Anahiem, CA. 92807**

**You can check out material by contacting any of the Officers.**  
(see page 2 for list of Officers)

**Anyone wanting to see the library list**

...

**please go to the website**  
**[www.sfeasc.org](http://www.sfeasc.org) and click on the library page.** You can also download a pdf file of the library list while you're there.

## **Just a ?**

**Do you know anyone who should be on the SFEA newsletter mailing list?**

**Send me their email address to [kpetruna@gmail.com](mailto:kpetruna@gmail.com) and I'll make sure they get all the mailings.**



<http://www.pfonline.com>

An article published in the  
Products Finishing Magazine.

## How Not to Cure Powder on MDF

FIONA LEVIN, IFS COATINGS | MIKE CHAPMAN, WOLF RAYET

Mike Chapman, chief strategic officer at WolfRayet, an industrial oven provider for heat-sensitive substrates, discusses the correct procedures and common pitfalls when curing powder coating on MDF.

Over the past 20 years, the concept of powder coating wood-based products has proved irresistible. Especially powder coating medium-density fiberboard (MDF), as it has the potential to have a massive impact on the furniture industry. Mike Chapman of WolfRayet has been the leading innovator in the industry for over 30 years. The founder of Vulcan Catalytic Systems, he is now the Chief Strategic Officer at WolfRayet. This Q&A article will correct some misconceptions and advises on how to get involved in this lucrative industry.

### **Q: What is the most common mistake that is made?**

A: Quite often, metal powder coaters think they can throw some MDF onto their line and expect success. But wood products do not do well when subjected to temperatures above 300°F.

Early adopters would pre-heat for 15 minutes, flocking on the powder, followed by 10 minutes cure. This can cause the structural strength of the MDF to become degraded. This 25-year-old approach is considered outdated. While a handful of coaters still use this method, no new systems have been built for many years.

### **Q: Is all MDF the same?**

A: Absolutely not. MDF varies in construction and quality. There are two properties to consider when choosing MDF for powder coating. Firstly, the density of the MDF should be 50 lbs. per cubic ft. or more. Secondly, the internal bond strength should be greater than 175 psi. When these two properties are achieved or exceeded, MDF (sometimes called HDF), can be successfully powder coated.

[Click here to read full article](#)



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## How To Create an Effective Business Continuity Plan

California businesses are no stranger to disruptive events, be it a natural disaster or human-initiated incident (e.g., cyberattack). California has made more [disaster declarations](#) in recent years than any other state in the U.S. However, it just takes *one* event to cause devastation for any business in any location.

Internal or external forces can create a disruption and cause a company's operations to grind to a halt. Along with the potential of lost revenue, supply chain disruption, and increased costs, there is always the possibility of a negative impact on customers as well as a company's reputation. Having a business continuity plan in place is essential to reducing your risk.

Our blog illustrates the steps to creating your own business continuity plan, helping you to mitigate the negative impacts of a future business disruption.

### **What Is a Business Continuity Plan?**

Business continuity plans are detailed response procedures that companies use when disruptive events occur. It's the preparedness, guidance, and training your team relies on to respond quickly and mitigate risk when navigating situations that are threatening to your business's health. Without advanced planning and training, you and your employees will be left figuring out how to proceed during the event, slowing response times and decreasing the odds of success.

### **How Many Business Continuity Plans Do You Need?**

While most BCPs will bear a strong resemblance to each other, you need to create one for *every* event that could disrupt operations for more than an hour.

[Click here to read full article](#)