

THE DISPERSER

No. 89 Volume 110 April 2024
"Dispersing ideas among friends"

PROGRESS THROUGH COOPERATION

FPCA President Letter



WWW.FPCA.CLUB

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I hope everyone's Spring is going well! It appears that business is finally picking up for all of our industries. While inflation stays at a high, our Florida building boom is continuing. We are so fortunate to be in a beautiful state, with a growing economy! Local projections show this to be continuing for the year. Even with things in a flux with the upcoming election, Florida can count on increasing growth.

As officers and the board of the Florida Paint and Coatings Association, we try to stay on top of any trends and concerns for our members. This is why membership to our group is so important. We support each other, learn from each other, and stay on top of current industry events and rulings.

In addition, we always strive to stay relevant and up to date with new industry ideas. In keeping with this, we have our brand new website that will be up and running early summer! We will be rolling this out to our board members at our meeting in May, and will announce to our FPCA members as soon as it is active. We also will be reviewing the results from our member survey at our board meeting. We'll have the results to you at our Longboat Key meeting in September.

Be sure to put the Longboat Key meeting in your calendars! It is the 27th and 28th of September. We'll be announcing our speakers as it gets closer, but we have some new ideas for speakers to help keep it interesting and relevant for our members. Our Longboat Key meeting is always a wonderful time with a gorgeous venue, great networking, and fun get togethers with industry friends. It is the best time of year with customers, suppliers, competitors, and family all gathered together to enjoy a fun weekend to help build our community!

As always, we are here for YOU. Please let us know if you have any suggestions. The more active our members are, the better we can help the FPCA continue to grow.

Look forward to seeing everyone soon,

Regards,
Allison Lyman Rich
FPCA President

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- >FireGard® Antimony Oxide
- >FireBlend® Antimony Replacements
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- >Kaolin Clay

Venator Materials Corporation

- >Tioxide® Titanium Dioxide

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- >Tolonate® Polyisocyanates (Trimers and Biurets based on HDI and IPDI)
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Zeller Polymer Solutions

- >Z-Clear® Nucleating Agents
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- >Z-Nox® Antioxidants

FPCA GENERAL MEETING MINUTES

Disney Meeting
February 24, 2024

1. Allison Lyman called the meeting to order at 8:16 PM and reviewed the Anti-Trust and Conflict of Interest policies.
2. Minutes- read by Mary Bogan and approved.
3. Treasurer's Report- 94,246.18 checking account and \$55,455.97 on the CD.
4. Committee Reports –
 - a. Bylaws – Aaron explained how the by-laws work.
 - b. Disperser – We have 19 business cards this is the same as last year and 4 adds.
 - c. Scholarships – Jack said we had six recipients las year. He also discussed the rules.
 - d. Membership – There are forty-three members right now. We are strong and healthy.
 - e. Program –Longboat is set. There is a survey going out concerning what our members want to do in 2026. Raj has arranged for us to be able to have music at dinner Saturday night. Apps start @ 6:30 and dinner is @ 7:30.
5. Old Business- None
6. New Business-
 - a. Jack is going to do 8.5 x 11 membership diplomas and we are going to send out to our members to display.
 - b. We are doing the 50/50 raffle, please see Mary if you would like to purchase tickets. The drawing will be at the end of dinner.

Adjourned at 8:30

Speakers:

**Caroline (Kramer) Brooks, Senior Director, Responsible Distribution
– Alliance for Chemical Distribution.**

“Safety, Sustainability and Continuous Improvement through the Supply Chain”

**Daniel S. Murad, CEO
The ChemQuest Group, Inc.
Global Chemicals & Materials Consulting Services**

“Challenges and Opportunities, Growth and Innovation Drivers for the Future of the Coatings Industry”



For contributing to Disney
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UPCOMING MEETINGS

DISNEY

When: February 21 - 23, 2025

Where:

**Hilton Orlando Buena Vista Palace
1900 E. Buena Vista Drive
Lake Buena Vista, FL 32830
(855) 757-4984**

LONG BOAT

When: September 27 – 29, 2024

Where:

**Longboat Key Club
220 SANDS POINT ROAD,
LONGBOAT KEY, FL 34228
(941) 383-8821**



2024 Business Cards



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Eve O. Schaub is the author of “Year of No Garbage: Recycling Lies, Plastic Problems, and One Woman’s Trashy Journey to Zero Waste.”

The time has come for us to stop “recycling” plastic. Plastic as a material is not recyclable, and the very best thing we can do to celebrate Earth Day this year is to acknowledge that fact.

This seems counterintuitive, I know. We’ve been told for decades that the answer to the plastic-waste crisis is more, better recycling: If only we sorted better! If only we had better access to recycling technologies! If only we washed and dried our plastics more adequately! This is all a smokescreen, designed to distract us from the truth that plastic recycling — if by “recycling” we mean converting a used material into a new material of similar value and function — is a myth.

Unlike paper, glass and metal, plastic is not easily, efficiently turned into new products. What passes for “recycling” plastic is costly, energy-intensive, and toxic. On top of all that, the process requires the addition of a shocking amount of new virgin plastic — around 70 percent — to hold the newly formed plastic item together. As a result, only about 5 percent of plastic gets “recycled” (or, more accurately, “downcycled” into a product of inferior quality). Compare that with a 68 percent recycling rate for paper and cardboard.

Considering that, as a society, we’ve been actively trying to get better at plastic recycling since the 1970s, 5 percent represents a colossal, unequivocal failure. It tells us that plastic “recycling” is, at heart, an empty, performative gesture.

Many environmentalists will protest this assertion. They might correctly point out that plastics labeled with the resin identification code of 1 or 2 (the number inside the “chasing arrows” triangle on many plastics) have a higher measure of recycling success: about 30 percent. Shouldn’t we support recycling at least this plastic? For a long time, I thought so.

But this brings us to another myth: that plastic is harmless to human health. What many people do not know is that plastic is made from two ingredients: fossil fuels and toxic chemicals. When we say toxic chemicals, we are talking about some very bad actors: heavy metals, per- and polyfluoroalkyl substances (PFAS), flame retardants and persistent organic pollutants. Tens of thousands of proprietary chemical formulas are involved in the production of plastic, most of which have never been tested for their effects on human health, although many are known to be endocrine disruptors, fertility inhibitors and carcinogens.

What this means is that even if we were to get better at recycling plastic, we shouldn’t want to. When you grind up, melt and re-form a bunch of plastic (with the addition of lots of new virgin plastic to bind it together), all those thousands of toxic plastic chemicals combine to make a Frankenstein material that has what scientists call “non-intentionally added substances” in it. Which is to say that chemicals that are not supposed to be there start showing up. A study last year concluded that recycled plastics contain “an unknown number of chemical compounds at unknown concentrations.” In 2021, a Canadian study concluded that plastic is “not suitable for processing into food grade PCR,” referring to post-consumer resin.

The upshot? You do *not* want your food wrapped in recycled, mystery-ingredient plastic.

But what if we use recycled plastic only for nonfood items such as picnic benches? Then we have yet another deeply troubling aspect of plastic to deal with: microplastics. We’ve been hearing more and more about these lately, because scientists are finding them everywhere they look — in the environment and in the human body. The chemical composition of all plastic — whatever the type — is a synthetic polymer that doesn’t break down or go away, ever. Instead, it breaks *up* into smaller and smaller pieces until it turns into microplastics or even nanoplastics. These tiny particles are still plastic, still toxic, but now so small that we are eating and breathing them all the time. Microplastics have been discovered in human lungs, bloodstream and breastmilk, as well as in the placenta of unborn babies. Scientists have found microplastics in sperm, testes and the brain. The effect of all this plastic in our bodies is still being revealed, but we know it is substantial. A recent study concluded that the disease burden from plastic exposure includes preterm birth, obesity, heart disease and cancer, and the health-care cost was \$249 billion in 2018 alone. The human body has become the trash can of our plastics-addicted culture.

Trying to recycle plastic makes the microplastics problem even worse. A study discovered that it might be washing 3 million pounds of microplastics into its wastewater every year — all of which ends up being deposited in our city water systems or dumped into the environment.

At this very moment, we all have microplastics coursing through our bodies. This is not the fault of not enough recycling. This is the fault of too much plastic. So I say: Let’s treat plastic like the toxic waste it is and send it where it can hurt people the least.

Right now, that place is the landfill.

Then we need to get to work on the real solution: making a whole lot less of it.



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New ACA-Published Industry Market Analysis for the Paint & Coatings Industry Now Available

- March 5, 2024
- [Press Releases](#)
- Contact: [Danielle Chalom](#)

Study Surveys the U.S. Market, Offers Forecasts through 2028

Washington, D.C., March, 5, 2024 – The American Coatings Association (ACA) is pleased to announce the publication and availability of its highly anticipated *U.S. Market Analysis for the Paint & Coatings Industry (2023–2028)*. This new market study offers quantitative and qualitative data analysis, with 5-year projections for sector and segment performance.

Prepared by The ChemQuest Group, Inc., a global business strategy and external technology development firm with focus and expertise specific to the specialty chemicals markets, including coatings, adhesives, and sealants formulated products and raw materials, this new study is essential for strategic business planning.

The *U.S. Market Analysis for the Paint & Coatings Industry (2023–2028)* is a robust resource for insight into the \$37 billion U.S. industry. Specifically, the new market study features the following:

- Profile of 20+ market segments;
- Market and growth forecasts in volume, value and price, through 2028;
- Sector analysis and market dynamics, including end-use markets, economic and trade influences, technology trends and drivers (including R&D initiatives), regulatory and environmental influences, Porter's Five Forces Analysis, and key buying factors; and
- Qualitative and quantitative data in updated graphic chart design, and easily digestible PowerPoint style.

New and expanded chapters address New Technology Development and Market Opportunities, Raw Material Feedstocks' Dynamics and Trends, and Global M&A Activity. Additionally, two dedicated chapters focus on Coil and Powder Coatings technology.

Profitably operating amid economic and geopolitical challenges, and supply-chain pressures requires broad insight; the new *U.S. Market Analysis for the Paint & Coatings Industry (2023–2028)* identifies key market opportunities and growth drivers so purchasers can gain a competitive advantage.

For more information, including a peek at the Table of Contents, pricing, and special benefits for purchasers, please visit www.paint.org/usma.

About ACA

The American Coatings Association (ACA) is a voluntary, nonprofit trade association working to advance the needs of the paint and coatings industry and the professionals who work in it. The organization represents paint and coatings manufacturers, raw materials suppliers, distributors, and technical professionals. ACA serves as an advocate and ally for members on legislative, regulatory and judicial issues, and provides forums for the advancement and promotion of the industry through educational and professional development services. For more information, visit www.paint.org.

About the ChemQuest Group, Inc.

The ChemQuest Group Inc. is a leading international business strategy firm in specialty chemicals and advanced materials, widely recognized among raw material suppliers, formulators and financial investors for its experience and expertise. ChemQuest's four service pillars include Business Strategy & Transformation; M&A Advisory Services; Operational & Manufacturing Efficiencies; and Technology Development through the ChemQuest Technology Institute and ChemQuest Powder Coating Research. For more information, visit www.chemquest.com

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ACA Comments on Washington DOE's Draft Report for Antifouling Paints

- February 19, 2024
- Government Affairs
- Contact: Rhett Cash
-

ACA recently submitted comments to the Washington State Department of Ecology (DOE) on its third draft report to the state legislature regarding antifouling paints. Notably, DOE's draft report highlights the importance of ensuring that there are safe and efficacious antifouling paint products for sale and use in Washington state. ACA's comments noted its agreement with DOE's recommendation to delay the ban on copper-based antifouling paint and conduct another review of relevant studies and information for inclusion in a follow-up report that will be submitted to the legislature by June 30, 2029.

However, while underscoring research discussed and conducted in the report, ACA sought a clarification in the draft report related to the studies referenced regarding salmon in freshwater environments. The draft report notes, "In Washington State, one of the motivations to phase out copper in antifouling paints is to protect culturally and ecologically important species, such as salmon. The sublethal effects of copper on Coho salmon, and particularly on the salmon's sensory function, have been well documented (Baldwin et al, 2003; McIntyre et al., 2008, 2012; Sandahl et al., 2007; Hecht et al., 2007)."

ACA urged DOE to clarify in its report to the legislature that the studies cited take place in *freshwater* environments and not marine saltwater. The majority of WA DOE's study is focused on saltwater environments, including three of the four testing sites. ACA maintained that this important distinction should be noted because a data gap exists regarding dissolved copper's effect on salmonid olfaction in saltwater environments.

"In fact, some studies show that the olfactory effect of copper is significantly reduced in marine saltwater environments," stated ACA comments. "It's critical for WA DOE to include language in its report to the legislature that highlights this distinction, as the current draft implies that dissolved copper has the same effect in marine saltwater. This important distinction will assist in the direction of future evaluations and studies in Washington."

ACA also addressed the report's reference to the U.S. Environmental Protection Agency's maximum allowable leach rate for antifouling paints that contain copper is 9.5 µg/cm² /per day (see page 4). ACA encouraged DOE to clarify in its report to the legislature that this maximum allowable leach rate only applies to coatings used on recreational vessels.



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Do you use all your senses to enhance your creativity?

Here are some ways you can use your 5 (or more) senses to stimulate creativity:

- **Smell:** Smell is closely linked to memory because of the brain's anatomy. Drawing upon your sense of smell can help you evoke memories that stimulate creativity. Try closing your eyes and inhaling different scents. What do these aromas conjure in your mind's eye? A story? A picture? Music?
- **Taste:** Order some food with a new flavor or try a new recipe. Let the spices bring you back to specific events for inspiration.
- **Sight:** Look at things from different angles or perspectives. Try looking at things upside down or from behind. This can help you see things in a new light and inspire new ideas.
- **Touch:** Try working with different textures or materials. This can help you create new ideas and explore new possibilities.
- **Hearing:** Listen to different types of music or sounds. This can help you get into the right mood for creating something new.
- **How many senses do we really have?** In addition to the basic five senses (touch, sight, hearing, smell, and taste), there are other human senses. [These lesser-known senses include balance, temperature, proprioception \(body awareness\), pain,](#) spatial awareness and balance.

And now some jokes that might make you smile.

A ship carrying blue paint collided with a ship carrying red paint.
50 sailors were marooned.

Why did the painting go to jail?
It was framed.

A man was arrested for spray painting graffiti and he tried to deny it.
But...the writing was on the wall.

What do you call a ghost in a painting?
A portrait-geist.

What's Michael Jackson's favorite painting?
The Sha-Mona Lisa.

A priest is painting the outside of his church.
He realizes he won't have enough paint to complete the job unless he adds water, which he does. When he finishes, a freak rainstorm pops up and his handiwork is lost as all the paint is washed off. From the clouds, a voice calls out, "Repaint, and thin no more."



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The Editor's of the Dispenser are looking for your comments on events happening in the Industry.

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