



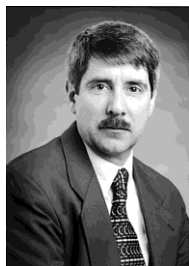
May 19th, 2021

LASCT Educational Zoom Webinar

“UV Cure ‘Shark Skin bio-mimicking’ Antimicrobial surfaces for Autonomous Vehicles?”

Over the last year we have all become acutely aware of the transmission of organisms on every surface that we contact on a daily basis. As coatings formulators and suppliers how can we make our next coatings development meet the performance criteria of an antimicrobial surface? Most coating formulations utilize toxic species incorporated into the coating to terminate organisms on the coating surface. Unfortunately, many toxic materials are hazardous for human contact and have potential regulatory concerns.

The webinar will review use of ‘UV Cure Shark Skin bio-mimicking’ Antimicrobial surfaces for Autonomous Vehicles (AV). These surfaces are naturally antimicrobial without the use of added toxic substance. Future ride-hailing AVs are expected to have rapid ‘turn around’ after every use that should result in a microbial-free ‘touch surface’. AVs are expected to grow dramatically in the next 5 years as ride-hailing options replace traditional taxi and Uber style of conveyance. In addition, the webinar will discuss how coatings with anti-biofouling properties find use in hospitals and medical implants.



- **Michael J. Dvorchak, Technical Director for Dvorchak Enterprises LLC**
- **Webinar Date: May 19th, 2021**
- **Time: 11 AM - 12 PM, Pacific Time**

Mike retired after 28 years with Bayer Material Science and left Allnex USA, INC in 2015. He worked in the UV cure area for over 25 years, and authored over 24 peer reviewed publications and 15 US and international patents. He is past President elect and Secretary for RADTECH North America, and is currently Chairmen of the RADTECH North America Transportation Focus Group. As Technical Director, Mike currently consults for the coatings industry, helping with issues in UV systems, polyurethanes and water-based polyurethanes. He received the prestigious Presidential Green Chemistry in 2000 for the development of ultra-low VOC and VHAPS 2 K Water Based Polyurethanes for the wood coatings market.

Free to LASCT Members. For non-members, please see below for registration fees.

- \$0 – One LASCT member registration for this online seminar.
- \$27.50 - One Non-LASCT member registration for this online seminar.
- \$55.00 – LASCT membership which includes free online seminar and free future online seminars.
- \$100.00 – LASCT non-member 5 pack registration for online seminars.

Email LASCT to sign up no later than May 18, 2021 to get your webinar link at: LASCT@earthlink.net