



# Chicago Society for Coatings Technology

Volume 19-10

NOVEMBER 2017 NEWSLETTER

## UPCOMING EVENTS

### NOVEMBER 13<sup>TH</sup> 2017

The November Technical Dinner Meeting will be held

Cooper's Hawk Winery & Restaurant 1740 Freedom Drive Naperville, IL60563

Registration will begin 5:30pm and presentation will begin at 6:00pm followed by dinner.

Scheduled speaker is Sean Nuenfeldt, Industrial Chemist, Hallstar and the topic is:

### Reduced Fusion Temperature of PVC Plastisols with Ester Plasticizers

With a global drive for higher efficiency and lower energy consumption, PVC Plastisol formulators are being tasked with designing new products for low bake systems. To accomplish this, plastisols must be developed with lower gelation and fusion temperatures. Along with these new challenges, formulators must also ensure plasticizer permanence, migration and weight loss are also factored in.

**Sean Neuenfeldt** has been working as a chemist in the coating industry since 2013. He received his bachelor of science in biochemistry from Michigan State and his masters of science in Chemistry from Oakland University. Sean spent two years at Axalta Coating Systems as Honda's OEM plant support chemist and continued his career with Hallstar as part of the industrial polymer modifiers team. He is currently lives in Chicago as Hallstar's lead technical chemist for the Exxate product line

**Abstract:** Acetate esters are used when surface perfection is a must. With ultra-low moisture absorption and excellent solvent release from the film, acetate esters are designed to reduce blistering and corrosion. These products have tightly defined chain lengths that provide clearly defined evaporation rates for a controlled release, limiting surface imperfections. Additionally, these can be used as polymerization solvents as esters are highly efficient at solvating polymers and allow formulators to use significantly less initiator compared with other standard solvents.

For details on future events, visit our website at:

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

## MEMBERSHIP

If you have been a member of the Chicago Paint Society or any society membership for 25 years or possibly 50 years. I would like to hear from you as you may qualify in being honored at our annual Awards Banquet in May 2018. This would also apply to those individuals that have transferred from another Society to the Chicago Paint Society.

Please contact me ,Herb Waltenspiel at my Email address which is hwaltenspiel@nevchem.com or 847 910 7873.

## PAST EVENTS

### OCTOBER 9<sup>TH</sup> 2017 Technical Dinner Meeting



