



PITTSBURGH SOCIETY FOR COATINGS TECHNOLOGY

NOVEMBER 12, 2018

<http://paintsociety.org/>



<http://paint.org/>

psct1927@paintsociety.org

NOVEMBER MEETING:

TOPIC: Applied Minerals Presentation Abstract
SPEAKER: Brian Newsome— Director of Sales— Applied Minerals
LOCATION: ROLAND'S
1904 Penn Ave, Pittsburgh, PA 15222
412-261-3401 • www.rolandspittsburgh.com
TIME: Board Meeting 4:00 pm
Social Hour 5:00 pm
Presentation / Speaker 6:00 pm
Dinner / Meeting / Tour 7:00 pm
COST: \$35 with reservation • \$40 at door • \$15 retired

**RSVP by Thursday,
November 8th.**

Contact: Art Kasson at
psct1927@paintsociety.org
OR Call: 412-389-4977
OR sign up via PayPal:
<http://paintsociety.org/>



BRIAN NEWSOME

Brian Newsome began his career with the BASF Corporation (formerly Engelhard Corporation) in 1994, holding a series of internal and senior sales positions, to include Asia/Pacific Account Manager. Brian briefly left BASF in 2007 to join the Balchem

Corporation as Sales & Marketing Manager, returning to BASF in 2012 in a senior sales manager capacity. In 2015, Applied Minerals recruited Brian to assume his current position of Director of Sales where he is responsible for establishing Applied Minerals' sales organization as well as developing new markets for their halloysite product line.

Brian's educational background includes a Bachelors in Mathematics with Master degrees in Business, Divinity, and Project Management.

APPLIED MINERALS PRESENTATION ABSTRACT

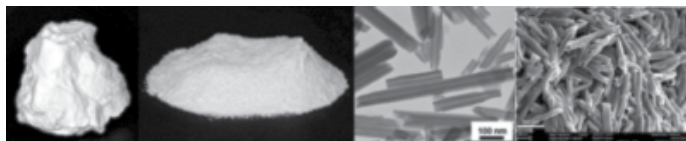
Applied Minerals Inc., headquartered in New York, N.Y., is the leading producer of halloysite clay and advanced natural iron oxide solutions from its wholly owned Dragon Mine property located in Eureka, Utah. The Dragon Mine was originally owned by the Filtrol Corporation in the 1950s to the mid 1970s where their halloysite was used in the production of Fluid Cracking Catalyst.

Halloysite is an aluminosilicate additive that forms naturally occurring nanotubes. Applied Minerals markets its halloysite products under the DRAGONITE™ trade name and has de-

veloped applications that benefit from the tubular morphology of its halloysite, such as carriers of active ingredients in paints, coatings and building materials, adhesives, environmental remediation, agricultural applications, and high-performance additives for plastic composites. Specifically, in paints and coatings, halloysite is known to increase adhesion, provide anti-corrosion properties, scratch and impact resistance, as well as other mechanical properties.

Additionally, Dragonite is an excellent binder in catalyst and molecular sieves, and its high surface area and nanoparticle size provide excellent green strength. Dragonite is a commercially patented specialty additive that provides an unmatched combination of nucleation, reinforcement, flame retardancy, and rheological properties of polyethylene and polypropylene. It is proven to reduce cycle times in polyethylene and polypropylene by 25-30%. Finally, Dragonite provides significant increases in both tensile and compressive strength in cement and concrete based products.

The Company also produces a range of ultra-pure natural iron oxides consisting of hematite and goethite for a wide range of end uses in pigment and technical applications. Applied Minerals markets its comprehensive line of advanced natural iron oxide pigments under the AMIRON™ trade name.





PRESIDENTS MESSAGE

Dear PSCT Members,

I would like to thank Dustin Young and the entire SSPC organization for taking time last month to speak to all of us about 'Preparing Concrete for Coatings Applications' as well as look at their mobile training center. It was very interesting to see what is going on in the concrete industry and how training for different applications is progressing.

I would like to remind everyone that we are still looking for Scholarship Committee members for this year's Hiram P. Ball Memorial Scholarship and STEM Grant. The only requirement is to be an active member and not have a student applying this year. Please contact myself or Karen Hollertz if you would like to take part in such a great cause. Our contact information can be found at the end of this newsletter. Also, if you have a student that qualifies for the scholarship this year, we urge you to check out the application attached to the end of this newsletter or on our website at paintsociety.org.

Lastly, come and join us at the Roland's in the Strip District on Monday, November 12th. This month's speaker will be Brian Newsome of Applied Minerals. His talk will be discussing a halloysite material branded as Dragonite. I hope to see everyone there for what should be a very technically informative talk.

MEMBERSHIP DRIVE

Valerie Sherbondy received the special PSCT Anniversary Membership Award. Valerie submitted her dues by September 30 and was awarded \$91, \$1 for each of the 91 years that the PSCT has been in existence.

It is never too late to join or renew your membership. See page 5 or <https://paintsociety.com/join/>. Help keep the Society vital to the Pittsburgh area coatings industry.

PSCT HIRAM BALL SCHOLARSHIP

Are you a PSCT member? Do you have a college bound child? Looking for financial aid?

The Hiram Ball Scholarship offers scholarships to children of PSCT members who are attending college. A special grant is also offered to up-coming Junior or Senior students following a STEM curriculum. In 2018, three students received \$1500 to aid in their education. For more details and requirements, see page 7-8 of this newsletter or visit:

https://paintsociety.com/wp-content/uploads/2018/10/PSCT_Scholarship_Form_2019.pdf

CALL FOR SPEAKERS

We are still looking for speakers for the 2018-2019 year. If you are interested in presenting please contact Chris Gehly at cgehly@matw.com.

ADVERTISEMENT REMINDER

We would like to thank all of the companies who have advertised with us in the past and hope we can count on your continued support. If companies want their advertisement displayed in the PSCT monthly newsletter, please contact Art Kasson at psct1927@paintsociety.org.

2018 MEETING DATES

December – TBD	January 14th, 2019
February 11th, 2019	March 11th, 2019
April 8th, 2019	May - TBD

PAINT POT

Congratulations to Wes Carroll who collected the \$25 jackpot when his name was drawn from the Paint Pot at the October PSCT meeting at SSPC! The November drawing will be for \$25. In order to be eligible to win, you must be an active member and must be present at the meeting when drawn. If the drawn member is not present, the pot will roll over to the next month.

WEBSITE

Please visit <http://www.paintsociety.org> and view the website, including the current newsletter, President's message, upcoming events and more. Don't forget you can RSVP and pay for the upcoming dinner meeting and events from the home page of the website. You can also renew your membership directly online.



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ACA WEBINAR

PaintCare Paint Stewardship Program

(ACA Members only)

November 14 @ 1:00 pm - 2:00 pm

<https://www.paint.org/2018-member-webinar-series/#PCare>

This webinar will provide an overview of the PaintCare paint stewardship program. PaintCare Inc., is a non-profit 501(c)(3) organization, that represents paint manufacturers (paint producers) to plan and operate paint stewardship programs in U.S. states and jurisdictions that pass paint stewardship laws.



Technical Meeting Abstract:

Lower VOC Waterborne Epoxy Systems with Improved Performance

by Vincent Hickman of Hexion Inc.

MONDAY, NOVEMBER 12, 2018

Francesca's Elmhurst • 174 N York Street • Elmhurst, IL 60126

www.chicagocoatings.org



SOCIETY EVENTS

CCS TECH DINNERS
11/15/2018

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SSPC 2019 COATINGS+ FEB 11-14, 2019 ORLANDO, FL

<http://www.sspc2019.com/>

<https://www.smartcoatings.org>



2019 CoatingsTech Conference

April 8-10, 2019 | Cleveland, OH | Westin Cleveland Downtown

<https://www.paint.org/2019-ctc/>



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ACA also offers a special membership category for Coatings Science & Technology Professionals, but these benefits are available to employees of Corporate Member companies at no additional cost.

Coatings Science & Technology Professional membership provides an opportunity for individuals working in the industry to benefit from member pricing for educational and training programs, and to have access to science and technology publications and events. This category of membership is offered for industry consultants, employees of non-member companies, and those working in academia.

Benefits of Coatings Science & Technology Professional membership include:

- Print and digital versions of **CoatingsTech** magazine
- Subscription to **Coatings Today** bi-monthly e-newsletter
- Online access to the **Journal of Coatings Technology and Research**

ACA MEMBERSHIP

Coatings Science & Technology Professionals

- Discount on registration fees for conferences and webinars
- Discount on publication orders
- Web access to “members only” technical information

To join ACA as a Coatings Science & Technology Professional member or to renew your existing membership, please click the link below.

Coatings Science & Technology Professional membership is also available free of charge to university-level coatings technology students. Student membership includes complimentary subscriptions to **CoatingsTech** magazine, **Coatings Today**, and the **Journal of Coatings Technology and Research**. Click the link below to apply for student membership.

All applications will be reviewed for eligibility. Applicants must allow three business days for processing before utilizing member benefits.

<http://www.paint.org/about-aca/membership/coatings-science-technology-professional-membership/>

ACA CORPORATE MEMBERSHIP BENEFITS

The following link will allow corporate company employees to register with the ACA system:

<https://memberportal.paint.org/ACACorporateForm>

Selecting the headquarters Billing Country and City will allow you to search for your company in the “Company Name” field. (begin typing the first letters of your company). You must select the company headquarters Country and City. Add your information to obtain either complimentary hard copy, electronic or both of CoatingsTech.

Employees of ACA Company Corporate members are offered benefits as part of your association with that company.

Some of the benefits are:

- ACA's Publications and Electronic Resources, including *CoatingsTech*, *Coatings Today*, *ACA Industry Market Analysis*, *Global Market Analysis*, *Paint & Coatings Buyers Guide*, *Journal of Coatings Technology and Research*, and *Paint Industry Labeling Guide*, provide members the relevant news and direction for day-to-day business and production decisions.
- ACA hosts the paint and coatings industry's premier **Events & Conferences**, including the **American Coatings Show and Conference**, as well as webinars on topics ranging from life cycle assessments to the latest technical innovations and applications in the industry. These events bring together industry's best and brightest leaders and offer the opportunity for networking, peer-to-peer interaction and professional development.

Some of the local ACA Corporate member companies are:

Covestro	Kop-Coat
PPG Industries	Palmer-Holland
Troy	Valspar
Sherwin-Williams	Kronos
IMDC	Chidley & Peto Company
Lubrizol	Omya
Netzsch Premier Technologies	



PSCT Membership Application and Dues Renewal Form for 2018 - 2019

1. MAILING ADDRESS:

Name: _____

Company: _____

Address : _____

City: _____

State/Prov: _____ Postal Code: _____

2. CONTACT INFORMATION:

Work Phone: _____

Fax: _____

Toll Free: _____

Home Phone: _____

Email: _____

3. PSCT MEMBERSHIP DUES

☐ Primary Full Society Membership \$40

☐ Secondary Full Society Membership \$40 – Please indicate primary society membership:

☐ Student / Educator \$10

☐ Retired Members \$10

5. PAYMENT INFORMATION:

☐ Check payable to PSCT

6. SIGNATURE AND DATE: (Required)

Signature: _____ Date: _____

7. RETURN APPLICATION AND CHECK TO: Art Kasson, Kruss USA
180 Bradford Road
Bradfordwoods, PA 15015
412-389-4977 / akasson@krussusa.com


OFFICIAL USE ONLY:


Total Amount Due: \$ _____ Certified by Society Member _____ Date _____

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- Scholarship Committee: Karen Hollertz:**
 PPG Architectural Coatings; 400 Guys Run Road; Cheswick, PA 15024; 412-517-3637; hollertz@ppg.com
- Membership: Jeff Scherm**
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**Pittsburgh Society for Coatings Technology
Hiram P. Ball Memorial Scholarship**

**PSCT Science, Technology, Engineering
Mathematics Grant Application**

APPLICATION DEADLINE: MARCH 15, 2019

**All Applicants must attach a full and detailed copy of transcript (School website transcript is acceptable).
PSCT Scholarship Committee has full discretion to reject an incomplete application.**

Applications are to be submitted electronically by e-mail to: **psct1927@paintsociety.org**. An endorsement e-mail by the Sponsoring PSCT Member(s) must be submitted to **psct1927@paintsociety.org**. The subject of the application and endorsement must be: PSCT SCHOLARSHIP APPLICATION. The student is advised to submit a COMPLETE application including home address. Submission deadline remains March 15, 2019.

Applicant (student): _____

Permanent Address: _____

Phone: _____ Email: _____

PSCT Member Sponsor: _____

Present School/University (2018-19): _____

College/University (2019-20) _____

OFFICIAL CLASS STATUS AS OF DECEMBER 31, 2018:

☐ Graduating High School Senior College: ☐ Freshman ☐ Sophomore ☐ Junior

Major Course of Study: _____ Cumulative Grade Point Average: _____

Science, Technology, Engineering, or Mathematics Grant Applicant: ☐ Major Study GPA (last 12 months): _____

FIRST-TIME APPLICANTS: Please submit 2 character references from teachers, clergy, employers, professionals, etc., who are familiar with the student's goals and aspirations.

STUDENT SIGNATURE Date: _____

PSCT SPONSORING MEMBER SIGNATURE Date: _____

PSCT SCHOLARSHIP COMMITTEE HAS FULL DISCRETION TO REJECT AN INCOMPLETE APPLICATION.

Pittsburgh Society for Coatings Technology Hiram P. Ball Memorial Scholarship

APPLICATION DEADLINE: MARCH 15, 2019

ALL APPLICANTS MUST MEET AND COMPLETE ALL REQUIREMENTS OUTLINED BELOW.

PSCT SCHOLARSHIP COMMITTEE HAS FULL DISCRETION TO REJECT AN INCOMPLETE APPLICATION.

GENERAL INFORMATION

- The PSCT Board of Directors will determine, in January, the total amount of scholarship money to be awarded each year.
- Scholarship money will be awarded equally to students as recommended by the Scholarship Committee.
- The Science, Technology, Engineering and Mathematics (STEM) grant will be added to the recipient's scholarship award. (See STEM grant requirements below.)
- **ELIGIBILITY:** Scholarship awards are to support undergraduate studies of FULL-TIME students enrolled in an accredited college or university seeking an associate or bachelor degree as of December 31, 2018. (Students must have maintained a minimum of 12 credits per semester for the 2 previous semesters to be considered full time), Students graduating from their senior year of high school are also eligible for the award.
- The Scholarship Committee will consist of five PSCT Members who do not have a child or relative applying for a scholarship.
- Scholarships are limited to one award per applicant per PSCT member per year.
- **COURSE OF STUDY:** All courses of study are open. (Exception: The additional STEM grant has further course of study restrictions. See STEM grant requirements below.) The PSCT does encourage students to pursue scientific, engineering, or mathematical programs that lead to employment in the Coatings Industry.

REQUIREMENTS

- Applicants must submit a COMPLETE Hiram P. Ball Memorial Scholarship Application which includes a 200-word minimum essay explaining how their course of study will allow the student to reach their professional and educational goals
- Applicants must maintain a 2.75 cumulative GPA (out of 4.0).
- Applicants must submit a full and detailed copy of their transcript. School website transcripts are acceptable.
- Applicants must meet eligibility requirements with regard to enrollment and status at their college or university. (See general information above for more details on who is eligible.)
- Applicant must be the child of an actively participating PSCT member who is current with dues. The PSCT Member must attend at least four (4) PSCT meetings or events a year. The sponsoring PSCT member must submit an electronic letter of endorsement confirming the applicant meets all of the requirements.

OR

The applicant may be a Student Member of the PSCT who is current with dues. Student Member applicants must be sponsored by an actively participating PSCT member who is also current with dues. The Student Member applicant must attend at least four (4) PSCT meetings or events a year. The sponsoring PSCT member must submit a letter to the Scholarship Committee endorsing the applicant.

- Applicant may receive the award up to a maximum of four times.
- New Applicants must also submit 2 Character References who know the student and their goals:
 - Examples: Teachers, Clergy, Employers, Neighbors/Friends, Professionals (doctors, business people).
 - References from relatives are NOT acceptable.

PSCT Science, Technology, Engineering Mathematics Grant Requirements

The Pittsburgh Society for Coatings Technology is a technical society to promote the welfare of the coatings Industry. The Society will be offering an additional grant to one student who is enrolled in a technical course of study. To be considered for this grant, the student must meet the following criteria. If more than one applicant meets the criteria, the award will be made to the student with the highest cumulative grade point average as of application deadline. If no applicant meets the requirements, no grant will be made. The decision of the PSCT Scholarship Committee regarding the grant is final.

Criteria:

- Must meet all other Hiram P. Ball Memorial Scholarship requirements.
- Applicant must have declared a major in Science, Technology, Engineering or Mathematics.
- Applicant must be entering their Junior or Senior year of college or university.
- Applicant must identify course directly associated with declared major curriculum including the degree audit.
- Applicants must highlight within the transcript, the courses that were taken.
- Applicant must have a GPA of 3.0 or greater in these related courses over the past 12 months (including summer school).
- The grant will be an additional \$500 over the Hiram P. Ball Memorial Scholarship award.

Revised 11/2016