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“The greater danger for most of us lies not in setting our aim too high and falling short, but in setting our aim too low and achieving our mark.”

— Michelangelo

REGULATORY RADAR HEADLINES

Access to full monthly Regulatory Radar for members only.

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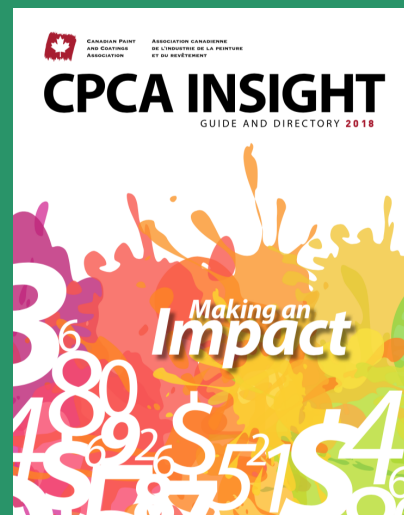
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Get More Insight from CPCA's Annual Guide and Directory

CPCA Insight: Guide and Directory 2018

is now available. Get a digital copy of this annual bilingual publication for the Canadian paint and coatings industry **today**.

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PRESIDENT'S MESSAGE

As noted in this space in recent months, there will be challenges on both sides of the border

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NAFTA. The Business Council of Canada has just released a report done by PwC confirming real concern related to the impacts of US tax reform on Canada's economy. Their analysis showed that US tax reform has eliminated one of Canada's main competitive advantages and that "this loss will have a significant negative impact on capital-intensive sectors in Canada. All else being equal, these sectors as a whole would likely face a significant shift in investments from Canada to the US over the next 10 years." PwC notes that capital-intensive sectors most at risk include manufacturing in key sectors including chemicals, machinery, plastic, rubber, and transportation. Other sectors would be less impacted by the US tax reform.



For the chemical sector it is expected to have a long-term impact with direct and indirect GDP at risk to the tune of \$10 billion, out of an overall negative GDP impact of \$85 billion. Also at risk are more than 78,000 direct and indirect jobs. How this will play out over time will of course be tempered by how negotiations are resolved such as whether or not Canada responds to US tax reform, how regulatory issues are aligned across the Canada-US border, the impact of new carbon pricing taxes, whether current direct investments in key projects move forward, and regulatory approval processes shortened. Again, it all hinges on reducing business uncertainty and a focused economic agenda in Canada.

The paint and coatings industry must be mindful of the challenges and continue to seek greater alignment of regulations wherever possible. We were encouraged by the renewal of the Canada-US Regulatory Cooperation Council in June and remain hopeful that the work plans in train with the RCC will lead to positive outcomes. Positive approaches in this respect will ensure that both Canadian and multinational companies operating on both sides of the border have consistent regulations. This is most critical when one considers the fact that 50 percent of the total volume of paint sold in Canada is now imported from the United States. We were also encouraged that the federal government has decided not to amend chemical management regulations in its current mandate, as that would create more uncertainty for the chemical sector.

Given the foregoing, we have to remain positive and support what's best for the economy and point out the real challenges where we find them. These days there appears to be much of the latter to ponder.

Gary LeRoux
President & CEO

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Canadian Coatings Hub of searchable member resources via a member dashboard. Time has passed for 'members only' section of websites used as dumping grounds for long lists of documents.

This is an important initiative at a time when the coatings industry is among the most heavily regulated sectors in the country. No other association has this level of detail on the multitude of issues of importance in the Canadian coatings industry, especially as it relates to ongoing regulatory development for chemicals used in thousands of industrial and consumer products. The new website is organized and searchable via key data points such as: government policies, legislation and regulations; technical committee minutes; formal CPCA and industry submissions; key advisories and member bulletins; relevant consultations and deadlines; important internal and external meeting agendas; relevant industry and government presentations; 'need-to-know' dates for compliance deadlines; relevant publications and publication links; relevant research centres and institutes; government funding sources; and more. The goal is to help our members ensure full compliance and mitigate risks to the reputation of their brands in a more functional and timely matter.

CPCA to Launch Webinar Series For Members

In addition to the annual conferences, key stakeholder meetings, sectoral working groups, technical committee meetings and various other formal engagement with members, CPCA will be hosting two online webinars commencing this fall. The new CPCA Webinar series will further engage members and deliver critical information on regulatory compliance and other economic issues facing our industry in Canada. CPCA welcomes members' [suggestions and requests for webinar topics](#) for next year.

Save the Date: 106th CPCA Annual Conference & AGM in Vancouver

The 2019 CPCA Annual Conference and AGM will be held at the Sutton Place Hotel in beautiful Vancouver, British Columbia with the Chair's popular Industry Awards Dinner at the Royal Vancouver Yacht Club. Entitled **Vision 20-20 Beyond 2020**, the conference takes a forward-looking approach at the priority issues facing Canada's paint and coatings industry. Look for notifications later in October announcing presenters, early bird registration, hotel block, and flight discounts.



Final Program Available for the CEPA-ICG Update Conference

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The CEPA Industry Coordinating Group (ICG) is comprised of representatives across a number of chemical industry sectors affected by the Canadian Environmental Protection Act (CEPA) and its related regulations. This year's event will be held on October 1-3 in Toronto. It is open to all industry members for further collaboration with government officials and stakeholders on the ongoing assessment of chemicals in Canada now and beyond 2020. These discussions are also tied to future amendments to the Act as a result of the Parliamentary Committee Review of the *Canadian Environmental Protection Act*. The final CEPA-ICG Conference program includes sessions on the evolution of the new substances program, evolving North American chemicals management approaches, the implications for government and industry related to substance prioritization, risk assessment and risk management, and how informed chemical substitutions might be addressed in future.

IPPIC and Vincentz Network to Host the Biannual Coatings Summit *Shaping the Future of a Dynamic Industry*

All senior coatings executives are invited to the industry's **most prestigious forum held from January 30 to February 01, 2019 in Paris, France**. The **summit presents unparalleled opportunities** for representatives from member companies to network and engage constructively to "shape the future of a dynamic industry." Presenters are CEOs from among the largest global coatings companies in the world including the CEO of Akzo Nobel (Thierry Vanlancker), Chairman and CEO of Axlata Coatings Systems (Charles Shaver), and Dow Business President (Neil Carr). **Contact the IPPIC** partner organization, Vincentz Network for more information.

CPCA Raises Awareness on Proposed CMP Phase 3 Decision Regarding Benzophenone Use in Consumer Products Sold in Canada

Benzophenone (CAS RN 119-61-9) is proposed as being toxic to human health and recommended for addition to Schedule 1 of CEPA. The risk management scope document proposes to impose a maximum allowed concentration for interior paint and coatings products that are available to consumers. CPCA continues gathering information from members regarding the use restrictions of resins possibly containing benzophenone. This must all be submitted to officials before the end of September.

CPCA Follows Up on Re-evaluation of Eight Important Biocides by PMRA

The Pest Management Regulatory Agency's (PMRA) re-evaluation or special review of paint-related biocides began in July 2018 for eight biocides that were to be assessed within their current 5-year framework ending next year. These ingredients are: sodium omadine, chlorothalonil, dazomet, folpet, ziram, Hydroxymethyl-5,5-dimethylhydantoin (MMY) and 1,3-Bis(hydroxymethyl)-5,5-dimethylhydantoin (DMY) and diodofon. CPCA is currently collecting further information regarding the workplace handling of these biocides and/or average daily application rates of paint products containing these biocides. For further information, please contact CPCA.

IPPIC Session at Global Marine Coatings Forum in Hong Kong

On November 14 this IPPIC Forum will provide valuable information on the most up-to-date topics regarding marine and protective coatings and their utility for the maritime industry. IPPIC has been working with the World Ocean Council (WOC) to present a session within their Sustainable Oceans Summit (SOS) featuring the work industry members have contributed to establishing effective biofouling management on a global level. IPPIC has long been a key contributor at the International Maritime Organization (IMO), developing a

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Project. The SOS 2018 session on “Biofouling and Invasive Aquatic Species: The GEF-UNDP-IMO GloFouling Partnerships Project – Opportunities for Business Collaboration and Implementation” will advance action by considering the critical role of marine coatings in preventing the migration of invasive species, reducing Green House Gas (GHG) emissions for greener shipping, ongoing regulatory and other challenges to effective biofouling management, and the emergence of the maritime sector in China and its impact on the market for antifouling technologies.

IPPIC to Launch UN GEF Project on Lead Paint Restrictions

The IPPIC Secretariat recently hosted an advance briefing for the UN Global Environment Facility (GEF), World Health Organization, U.S. EPA and the American Bar Association’s Rule of Law Initiative (ROLI) at American Coatings Association Headquarters in Washington D.C. The purpose was to take advantage of the UN representatives’ presence in Washington to brief regional embassy officials and begin to clarify activities needed to undertake the recently approved GEF Project. The GEF project aims to engage governments around the world to enact lead paint restrictions conforming to the UN Model Law. A new global report on the status of lead paint restrictions will be issued soon. The IPPIC Secretariat stressed the importance of the report to acknowledge that restrictions can be established in a variety of ways including formal voluntary agreements. The Secretariat also addressed industry concerns about the residual lead issue (i.e. not intentionally added contaminant) and the aspects of the UN Model Law that leave open both the scope and quantitative limit (i.e. the so-called 90 ppm number). Regarding the rollout of the UN GEF Project, IPPIC and industry have an opportunity to participate, such as engaging governments that do not have lead restrictions in place and planning for the UN workshops in Asia Pacific, Eurasia, Africa and Latin America in Winter 2019.

CPCA Grants Diploma in Coatings Technology

CPCA is pleased to announce that Andrea Moyles at Color Technician at Mapei, Deerfield Beach, Florida, was granted a Diploma in Coatings Technology on September 24, 2018. We would like to congratulate Andrea on successfully concluding the three-semester course. We are confident that it will support her ongoing efforts in the coatings industry – now and in the future.

The Diploma in Coatings Technology, is available online and offered to students in Canada and abroad. Work at your own pace with easy-to-use computer-based training to gain the knowledge you need to advance your career. The courses focus on three areas: theoretical concepts, industrial paint applications and sales and marketing.

[View the brochure](#) to obtain more information.

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Members Urged to Use Educational Materials for MEKO

Please note that all CPCA members are urged to use the educational materials provided for their use to inform customers about the issues related to MEKO in paint. These materials are provided to communicate the information on the Code of Practice for MEKO to company staff, contractors, DIY consumers and the public generally. Please note that this undertaking was required for the industry to secure a voluntary Code of Practice for MEKO instead of a regulation. Health Canada and Environment Canada will be evaluating the status of the effectiveness of the Code in several years, including the effectiveness and use of the educational materials. Based on that assessment a decision will then be made whether or not a regulation is required instead of a Code of Practice.

FOCUS ON OTTAWA

Second Reading of Historic Comprehensive and Progressive Trans-Pacific Partnership (CPTPP) Bill Addressed in Parliament

On September 17, the Honourable Jim Carr, Minister of International Trade Diversification, opened the second reading of Bill C-79 in the House of Commons by highlighting the **CPTPP's potential to significantly boost Canada's GDP by supporting growth for businesses and workers in a range of economic sectors**. The Bill, which is the implementing legislation for the CPTPP, was introduced in the House of Commons in June 2018. The CPTPP will provide increased opportunities for Canadian exporters and investors by giving them preferential access to 10 thriving and dynamic markets, including Japan, Malaysia, Vietnam and Singapore. The agreement will enter into force once six member countries have completed their ratification procedures.

Canadian Intellectual Property Office Modernizing Its Online Search Tools

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databases. For more, please see the [Client Service Center](#).

Statistics Canada Issued Data on Industrial R&D Characteristics

The [data was reported](#) for 2016 (actual), 2017 (preliminary) and 2018 (intentions). In-house industrial research and development spending was relatively unchanged in 2016 at \$18.1 billion, compared with expenditures of \$17.9 billion in 2015. Data was also [posted on Intellectual property](#), 2016 (final). Total payments made for intellectual property products and technological services (IP) rose from \$1.2 billion in 2015 to \$3.5 billion in 2016.

Statistics Canada Published Results from Canada's Core Public Infrastructure Survey: Roads, Bridges and Tunnels, 2016

Statistics Canada, in partnership with Infrastructure Canada, has launched its first-ever catalogue of the state of the nation's infrastructure to provide statistical information on the stock, condition, performance and asset management strategies of Canada's core public infrastructure assets. This [first release](#) presents findings on roads, bridges and tunnels.

Government Invests \$265,000 through the Program to Advance Connectivity and Automation in the Transportation System

This will help [Canadian jurisdictions prepare for connected and automated vehicles](#).

Combined Government Discussion Paper and Science Committee Report Published on Informed Substitution

Informed Substitution (IS) is the considered transition from a chemical of particular concern to safer chemicals or non-chemical alternatives. This [report](#) includes the objectives paper prepared by HC/ECCC in advance for a CMP Science Committee (SC) meeting as well as the SC submitted answers to charge questions. The report and [meeting record](#) include consensus responses and some suggestions for a path forward.



COATINGS ON THE LEADING EDGE OF SUSTAINABILITY

Chemical Industry Helps Create Roadmap for UN Sustainability Goals

The [Chemical Sector Sustainable Development Goals](#) (SDG) Roadmap is an initiative led by a selection of leading chemical companies and industry associations, convened by the World Business Council for Sustainable Development (WBCSD), to explore, articulate and help realize the potential of the chemical sector to leverage its influence and innovation to contribute to the SDG agenda. This chemical industry plan released in July 2018 will help the UN reach its sustainable development goals by outlining 10 objectives and the industry's impact on food, water, energy, health and infrastructure. Akzo Nobel, Covestro, Dow Chemical, Evonik Industries, SABIC and Solvay are among the companies that worked under the WBCSD to develop the plan.

MCEC and Biocides Regulation: *Promoting a Responsible Approach*

The [Microbial Control Executive Council](#) (MCEC) is composed of six of the world's leading companies that are developing microbial control technologies, which include CPCA members Troy, Dow, and BASF. These companies are tasked with communicating the value

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engage with the scientific community and wider industry to provide easy-to-digest information on microbial control and taking a responsible approach in terms of regulatory requirements.

Structural Adhesives for Battery Pack Assemblies in Electric Vehicles Help Ensure Long-life Components Operation

Battery packs for electric vehicles (EV) accommodate a number of modules in aluminum and composites enclosures with a thermal interface. They face many of challenges that these vehicles must overcome – safety, reliability, durability and consumer confidence. The structural adhesives industry, such as **Dow Automotive** adhesives, provide a sealing solution for EV that includes thermal management, conductivity, inhibition of noise and vibration, corrosion protection and lightweighting. Dow also participates in the AHEAD™ initiative, a global portfolio of products for accelerating electrification for vehicles globally.

DCC LANSCO Sets Benchmark in Productivity and Sustainability

Over the last year, **DCC LANSCO invested over \$13 million towards improved productivity** within its manufacturing sites. Investments range from environmental initiatives and creating efficiencies in the chemical processing system, to developing technologically advanced products.

10 Years of Savings with Hempel Silicone Coatings

Euronav, one of the world's leading independent tanker companies engaged in the ocean transportation and storage of crude oil, was looking to improve its environmental performance by reducing energy consumption and CO2 emissions.

New Solar-Control Glass Increases Performance & Heat Gain Using Vacuum Deposition Coatings

Architects, designers and building owners will soon have **a new option for solar-control, low-e glass applications** that the manufacturer says won't compromise project budgets and will increase insulating performance or increased heat gain. Sungate 700 passive low-e glass features durable magnetron sputtered vacuum deposition coating that "makes it idea for multiple applications."

Chitosan-based Coatings for Corrosion Protection of Copper-based Alloys

In a recent study, scientists propose a **promising, more sustainable approach for cultural heritage applications**. The attractive physicochemical properties of chitosan make its derived materials promising candidates for the reliable and sustainable corrosion protection of metallic substrates.

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CANADIAN PAINT
AND EXCHANGE
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SPOTLIGHT ON MEMBERS



CORPORATE MEMBER PROFILE



Soon after the Second World War, Otho Behr, Jr. began selling linseed oil to paint stores from the back of his woody station wagon. His customers quickly made it known that they needed something that would perform better on redwood than just linseed oil. Seizing the opportunity, Otho Jr. asked his father, Dr. Otho Behr Sr., an accomplished chemist, to help him develop a formula to meet their requirements. Soon the father-and-son team began making a clear finish and stain for redwood in the Behr family garage. In 1948, Otho Behr moved his burgeoning business into an 800 square foot Quonset hut in Pasadena. Over the years, sales have steadily increased and the need for larger facilities also grew. The company, now officially known as BEHR Process Corporation, has expanded all across the U.S. and across the globe with locations and businesses in Canada, China, Guam and India.

In 1986, BEHR expanded into the interior/exterior paint business. Since their introduction in 1986, BEHR had been a very successful in the stain and varnish market and has earned top recognition for premium paints. Behr now sells a broad range of products from interior/exterior paint and primer and wood stains, finishes, strippers and cleaners, to floor coatings and sealers prep and to speciality paint.

In 1999, after 52 years of private ownership, BEHR Process Corporation was acquired by Masco Corporation of Livonia, Michigan. The merging of Masco and BEHR successfully brought together two companies who share an entrepreneurial philosophy and an overarching commitment to integrity and "doing the right thing." Following this guiding principle, the BEHR team members with full company support formalized their charity efforts with the creation of BEHRCares, which makes positive differences in the lives of people in communities through fundraising, donations and community services, such as for Habitat for Humanity, which has built 225,000 affordable houses and shelters for 1 million people over 40 years, and for City of Hope, which pioneers compassionate medical

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Since 1978 (40 years), BEHR is a proud partner of The Home Depot® and its commitment to bring value and excellence has been recognized and rewarded many times. In 2017, Behr also took a non-traditional approach to color forecasting with BEHR color experts developing the BEHR Color Currents forecast, an all-new collection of 20 distinct hues on-trend paint colors available at The Home Depot®.



CORPORATE MEMBER NEWS

The paint and coatings industry lost two long-serving and valued Architectural and Automotive Refinish leaders this summer.

[In Memorium: David Smith](#)

Canada's collision repair industry has lost one of its biggest champions. Dave Smith, a longstanding icon in the industry, has passed away.

As country manager for Canada, Dave was instrumental in growing the AkzoNobel brand across the country. He was a strong supporter of the Canadian Collision Industry Forum (CCIF), and sat on many volunteer boards to help build the image of the industry. Dave was always an ambassador for the industry, encouraging talent, process and engagement, among his other responsibilities. Last year he was appointed as the new U.S. east market regional sales leader, in charge of the company's U.S. vehicle refinish operations east of the Mississippi.

"Dave always had a positive outlook and cared not only about the people in the industry, but the industry itself," says Darryl Simmons, publisher of Collision Repair magazine. "On behalf of the industry, our condolences go out to his wife and family. He will be missed."



Dave joined the AkzoNobel organization in 1993. He held various positions in sales, operations and technical departments in the Toronto, Calgary and Vancouver areas. He was regional sales manager for the western Canadian market before his appointment as country manager for Canada in 2010.

Dave's deep experience across departments enabled him to lead AkzoNobel's Canadian

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one son. Dave's love and passion for cars and paint came naturally as his family was involved in the same industry. Dave deeply cared about the industry but more importantly he cherished the relationships he was building over the years. His positive attitude, dedication and influence will be greatly missed by his many respected and admired associates and colleagues in the industry.

In Memoriam: Joseph Sobie

It is with great sadness that CPCA learned of the passing of Joseph Sobie. Joseph was a dedicated leader in the paint and coatings industry. He was a true inspiration in the business world, working his way from humble beginnings in the Benjamin Moore Paint plant in Winnipeg to become CEO of the Canadian company in Toronto (and director of the US parent company), a position he held until retirement in 1997, after 42 years at Benjamin Moore. Joe served on the CPCA Board of Directors from 1985 to 1995 and was instrumental in helping the association grow into the strong and vibrant advocacy organization it is today. He was honoured to receive the Chairman's Award for Outstanding Achievement in 1989 and the Industry Statesman Award in 1997. Joe was also an accomplished professional musician for many years, playing trumpet for dance and concert bands in Winnipeg, Vancouver and Toronto. He leaves behind his wife of 62 years, Gerry, his 4 children, 2 grandchildren and his sister.



BASF Named One of Canada's Top 100 Employers for 2018

BASF was named by Mediacorp as one of **Canada's Top 100 Employers** for 2018, the fourth consecutive year BASF has received this honour.

AkzoNobel Coatings Put Blue Back Into Bluebird & Powder Coatings on New Tower at Westminster Abbey

The restoration of British speedboat racer Donald Campbell's Bluebird, a record-breaking hydroplane, has been ongoing since the wreckage of the vessel was recovered in 2001. It was only when the iconic blue paint was applied that **the famous Bluebird really came back to life**. Westminster Abbey's new £23 million Weston Tower is the first major addition to the famous church since 1745. The new tower features 500 leaded windows, every window frame protected with Interpo powder coatings supplied by AkzoNobel. This company's coatings were used on the London Eye, the Shard, the Gherkin, the Lloyd's Building and Wembley Stadium.

PPG Highlights Integrated High-performance Coatings at Innovation Summit

PPG focuses on integrated high-performance coatings for rail, trailer, container applications at its Intermodal **EXPO 2018** & Inaugural Innovation Summit. PPG showcased its full complement of integrated pre-treatment, liquid, powder and electrocoat (e-coat) solutions for rail, trailer and intermodal applications during Intermodal EXPO 2018, to be held at the Long Beach Convention Center in California from Sep 16-18, which will return next year on Sept. 15-17. Additionally, PPG held its **inaugural Innovation Summit** in Montreux, Switzerland discussing the latest innovations.

Axalta Hosts Fifth Annual Latin America Distributors Convention

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that are supporting Axalta customers in Latin America. Axalta announced the launch of Montana Big Sky™ Low VOC Basecoat, a low VOC system for the Canadian refinish market, during the annual NAPA trade show at the Palais des Congrès de Montréal on September 5 and 6.

Can-Lak/Verilak Participates in IWF in Atlanta on August 22-25

Verylak is the result of CanLak, DAAS & Partners, and Verinlegno joining forces. Verylak wants to be a recognized player in the industry of wood coatings by offering the perfect blend of European and North American technologies and a complete solution for wood coatings.

Fall Market Saw Beauti-Tone Paints Introduce 2019 Color of the Year

Retail paint customers bring a wide array of samples to the paint counter for matching, making precise measurements a challenge. At the Home Hardware Fall Market Beauti-Tone paint booth, customers were introduced to MetaVue, a non-contact imaging spectrophotometer. "Since we first started using the X-Rite MetaVue™, we have completed more than 300 paint matches with only 1 bad match with a color that has always been difficult." Randy Service, Paint Department Manager, Strathmore Home Hardware. Beauti-Tone's 2019 Colour of the Year is Tropic of Conversation.



MERGERS AND ACQUISITIONS & DISTRIBUTION AGREEMENTS

Univar to Acquire Nexeo Solutions Inc. for \$2 Billion.

In a blockbuster materials distribution deal, Univar Inc. is acquiring Nexeo Solutions Inc. for \$2 billion. Nexeo of The Woodlands, Texas, is one of North America's largest resin distributors, and is a major distributor of specialty chemicals as well. Downers Grove-based Univar is a global distributor of chemicals and ingredients and a provider of value-added services. The deal includes the assumption of Nexeo's debt and other obligations and values Nexeo at \$11.65 per share. Nexeo's per-share stock price closed at \$10.01 on Sept. 17, just before the deal was announced.

M&A Accelerating in the CASE Markets for CPCA Members Sherwin-Williams, Axalta Coating Systems, Polyone

Corporations are actively pursuing acquisitive growth, with large targets such as Valspar (Sherwin-Williams), Royal Adhesives & Sealants (H.B. Fuller), and A. Schulman (LyondellBasell) illustrative of an aggressive posture. Bolt-on activity has also been robust with Axalta Coating Systems and PolyOne among the industry players to complete serial buys. Private equity groups have been equally aggressive illustrated by an increasing level of new investments and add-on acquisitions.

DowDuPont Begins Process to Spin off Dow

DowDuPont filed a Form 10 document with the Securities and Exchange Commission ahead of the planned spinoff of its materials science division as the new Dow. The split is scheduled to finish by April 1. Dow intends to split into three independent companies by June 2019. DowDuPont is expected to deliver \$3.3 billion in cost synergies and \$1 billion in growth synergies.

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Acquires Specialty Chemicals Distributor Alphamin

Brenntag North America, Inc., part of **Brenntag Group**, will distribute Umicore's polyurethane and polyester catalysts in the United States and Canada. Brenntag has completed the acquisition of all shares of Belgian specialty chemicals distributor Alphamin S.A. and its subsidiary Alphamin Inc., based in New Jersey.

Ribelin, an Azelis Company, and BASF Announce Expanded Distribution Agreement

BASF signed an agreement with specialty chemicals distributor Ribelin to manage BASF's portfolio of kaolin products.

Debro to Distribute AkzoNobel – Performance Additives

Effective Sept. 1, 2018, Debro will represent AkzoNobel – Performance Additives ELOTEX® and Bermocoll® range of products in Central and Eastern Canada. These technologies will reportedly cater to a variety of applications, including adhesives, construction products, paints, specialty coatings, and drilling fluids.

Clariant Expands Partnership with Lintech International in the U.S.

Lintech International solely distributes Clariant's pigments for the plastics, coating and printing ink markets across the entire US since August 1, 2018.

Evonik and Wynca Form Joint Venture to Produce Fumed Silica & Evonik Reorganizes Coatings Additives Distribution Network, Appoints Palmer Holland as Distributor in Midwest

The new company, in which **Evonik** will hold 60 percent, will produce fumed silica. The product is used in transparent silicones, coatings and paints, modern adhesives as well as non-combustible high-performance insulation materials. Evonik Corp.'s coatings additives business line has reorganized its distribution network in North America and appointed Palmer Holland in the Midwest. The **transition period** will reportedly be fully implemented by November.

IMCD Completes Acquisition of U.S. Specialty Chemicals Distributor

IMCD N.V. acquired all of the outstanding shares of U.S. specialty chemicals distributor E.T. Horn Co. Headquartered in California, HORN was established in 1961 and is a leading specialty chemicals distributor in the United States with focus on coatings, construction, plastics, personal care, and other specialties.

European Commission Issues Final Approval of Tronox's Proposed Cristal Acquisition

Consummation of the divestiture of the 8120 paper-laminate product grade will occur following approval of the overall Cristal acquisition transaction by the U.S. regulatory authorities, which **Tronox is vigorously pursuing in the U.S. District Court of the District of Columbia.**

Fitz Chem and PQ Corp. Expand Distribution Agreement

Since **Sept. 1, Fitz Chem LLC has expanded distribution** of PQ's Gasil® and Silcron® silica gels.

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NACE International Institute Names Cynthia O'Malley as Executive Director, Master Painters Institute LLC

O'Malley brings extensive experience and expertise in business management, protective coatings testing, standards development of both industrial and commercial coatings, and asset protection. MPI is dedicated to the establishment of quality, performance and sustainable coatings standards.

Outgoing Axalta CEO to Lead Akzo Nobel's Chemicals Unit

Akzo Nobel's chemicals division will be led by Charles Shaver, who departed as Axalta CEO on September 4. Akzo Nobel is selling the chemicals unit. Shaver's appointment was pending completion of the chemicals division sale, which is expected before the end of the year.

Terrence Hahn Named Axalta New Chief Executive Officer

Axalta Coating Systems Ltd. announced that Terrence Hahn officially joined as Chief Executive Officer, succeeding Charlie Shaver, who will continue at Axalta as Non-Executive Chairman.

BASF Announced Personnel Changes

Fried-Walter Münstermann will assume responsibility for the Task Force Process Simplification in BASF SE, Germany effective Jan. 1, 2019. At the same time, Kenneth T. Lane, president, Catalysts, BASF Corporation, NJ, will assume responsibility for the Monomers division. Dr. Peter Schuhmacher, president, Process Research & Chemical Engineering, BASF SE, will assume responsibility for the Catalyst Division on Dec. 1, 2019.

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Register For A Diploma In Coatings Technology



CANADIAN PAINT
AND COATINGS
ASSOCIATION

ASSOCIATION CANADIENNE
DE L'INDUSTRIE DE LA PEINTURE
ET DU REVÊTEMENT



Training courses are now **online** and will enable members' staffs and partners to get training as needed. Once the training is completed, successful candidates will receive a Diploma in Coatings Technology. This is an opportunity for members to provide necessary skills training to retain effective staffing levels. The three levels of training available via CPCA are shown at right.

Theoretical Concepts

The course is designed to provide the theoretical basics of coatings technology for young people who are just entering the industry, or who have been working in the industry for some time but who want to upgrade their status in the industry by earning a Diploma in Coatings Technology.

Industrial Paint Applicators

In view of the complexity of most industrial coatings, the course is recommended to industrial paint applicators who need to be able to appreciate the composition, performance capabilities and handling of the products they purchase and use.

Sales and Marketing

Designed for those working in a non-technical role such as purchasing of raw materials, production scheduling or sales or marketing, and who may not be interested in the Diploma as such. These candidates do not need to sit for the examinations and may enroll in only one semester to gain expertise in a subject of particular interest to them.

Learn more about our online courses:

Online training for TDG and WHMIS is also available for members and non-members.

CanPaint.com/training-and-education

OTHER

NEWS OF INTEREST



INTERNATIONAL NEWS

Demand for Raw Materials and Chemicals to 2022

Raw materials used in the manufacturing of paints and coatings represent a relatively small (less than 5 per cent) but extremely important component of the \$4.5 trillion global chemicals industry. All of the world's leading chemical producers are active in the coatings market. Resins ("binders"), pigments, and fillers represent over 75 per cent of the global volume of coatings raw materials market while the remainder goes to solvents and additives. See analysis per raw material type.

Greater Demand for Performance and Functionality to Drive Pigment Development to 2025

The value of the **global market for pigments** (organic, inorganic, and specialty) used across all applications will exceed \$18 billion by 2025, according to Global Market Insights. The paint and coatings industry accounted for the greatest portion of pigment sales in 2017 and this end use is expected to grow at the fastest rate.

U.S. Demand for Construction Chemicals Projected to Increase 5 Percent Per Year until 2022

According to Freedonia, **this market will reach \$12.5 billion by 2022**, stimulated by healthy growth in new transportation infrastructure construction spending, as well as in the industrial and institutional segments; gain in improvement and repair spending for residential and non-residential buildings; consumer preferences and a shift in the product mix toward higher value, more sustainable, cost-effective, and user-friendly products.

Waterborne Coatings Market Research to 2025

This market report contains succeeding major key companies: Akzo Nobel, Axalta Coating Systems, BASF, PPG Industries, RPM International, Sherwin-Williams, Jotun, Kansai Paint, Nippon Paint, Sika, Valspar and Chenyang.

Roofing Adhesives Market Driven by Increasing Demand to 2023

North America will dominate this market. The government initiatives to provide energy efficient buildings will also drive the demand for insulation adhesives in the region.

Global Automotive Refinish Coatings Market 2018-2022

This **market will grow at a CAGR of 5.95 percent** during the 2018-2022 period.

Global Metallic Pigments Market to Reach US\$2.3B by 2024

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well as hardness and high strength.

Global Automotive Adhesive Market to Grow at CAGR of 5.4 Percent

Asia-Pacific is reportedly the fastest growing region. Key drivers are stringent regulations concerning CO2 emissions which increase demand for light weighting of vehicles, improvement in fuel efficiency of automobiles and providing enhanced performance.

Adhesives and Sealants Market to Grow Nearly 5 Percent

This market is projected to reach \$71.99 billion by 2023. The paper and packaging application is projected to remain the largest market segment between 2018 and 2023.

Global Nano Adhesive Market to 2023

North America is expected to show a significant market share in the forecast period. Major industry players profiled as part of the report are 3M, Master Bond Inc. and nbd nano, among others.



ECONOMIC NEWS

NAFTA Talks

After the Trump administration notified Congress of its intent to sign a new deal in the next 90 days with Mexico and possibly Canada, Canada and the U.S. are striving to provide the text of a new NAFTA agreement by the end of September to be on course for departing Mexican President Enrique Peña Nieto to sign the deal before his last full day in office on Nov. 30. A Key U.S. labor leader says NAFTA replacement must include Canada. Whether there's a deal, or no NAFTA deal, uncertainty means consumers will lose out, say experts.

Conference Board of Canada's Canadian Economic Forecast and Difficult Road to Trade Diversification

The national economy is projected to grow by 1.8 percent in 2018–19 in the wake of a 3 percent gain last year. Growth in exports will be restrained by uncertainty over NAFTA renegotiations and rising tariffs. The Trump administration's disruptive trade policies have been a wake-up call for Canadian policy-makers and exporters, highlighting the risk of being so dependent on a single market. Although Canada's share of exports to the United States has slowly declined since the early 2000s, a full 70 per cent of Canadian exports of goods and services still go to US buyers.

New Cybersecurity Collective to Launch 'Protection' Hack Detection App

Desjardins Group, National Bank of Canada and Deloitte are creating a non-profit organization called CyberEco to combat identity and data theft, investing several million dollars in the project.

North American Fleets Not Using Telematics to Full Potential: Survey

A recent survey of more than 2,400 fleet professionals found that while telematic technology adoption for vehicle tracking is at an all-time high with 77 percent using it, most fleets are only scratching the surface of technology's potential.

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Shifting the Focus to Intelligent Industrial Environments

The future is now – **smart factories have arrived**. We are in the midst of the fourth industrial revolution known as Industry 4.0. Driven by the industrial internet of things, manufacturers are incorporating advanced technologies to transform equipment into smart objects and create a connected environment that allows them to automate, analyze, and adapt innovative, new ways.

Packaging Standards Across Supply Chain Delivers Financial, Ethical Value

Switched-on brands are becoming ever more aware of the importance of packaging when it comes to consumer experience. Far too few, however, have yet to address the extraordinary packaging inefficiencies that exist throughout the supply chain. Where is the consistency in packaging types – both material and size – that can not only enforce sustainability and ethical standards but also enable cost saving optimization of pallets, containers and warehouse space?

Bio-Based Antimicrobial Food Packaging Coatings

The **antimicrobial properties of two disparate bio-based coating additives were evaluated in a polyvinyl alcohol (PVA)** food packaging coating for antimicrobial activity: Chitosan and an antimicrobial peptide.



Focus on Architectural

Canadian Housing Starts Trend Decreases in August

The **trend in housing starts was 214,598 units in August 2018**, compared to 219,656 units in July 2018. The national trend in housing starts continued to decline in August from the historical peak that was recorded in March 2018 and this moderation brings total starts closer to historical averages, largely reflecting recent declines in the trend of multi-unit starts.

CMHC Helping Canadians in Housing Need Gain Access to Suitable Housing

As part of **Canada's National Housing Strategy, CMHC launched Phase I of the Federal Community Housing Initiative**. Through the first half of 2018, our Assisted Housing business delivered nearly \$1.5 billion. As of June 30, the first wave of applications under the National Co-Investment Fund have been received for new construction projects as well as repairs and renewals. Bilateral negotiation with provinces and territories will be effective April 2019.



Focus on Industrial & Automotive

Canadian Vehicle Sales Drop 1.6 Per Cent in August

Canadian vehicle sales in August decreased 1.6 percent from the same month in 2017, to 180,942 units. SUV and pickup sales, at 128,100 units, were up 2.6 percent in August, while passenger car sales, at 52,842 units, were down 10.6 percent compared to 2017. Canadian 2017 vehicle production dropped 7 percent despite sales record last year.

New Self-heating, Fast-charging Battery Aims to Make Electric Vehicles Climate-immune

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Long Road Ahead: The Promise — and Perils — of Self-driving Cars

"By 2030, autonomous vehicles will be common in some settings and for some uses. But the roads will still be a complex mix of human-driven and algorithm-driven vehicles," says MacDuffie, director of the Program on Vehicle and Mobility Innovation at Wharton's Mack Institute for Innovative Management.

Forestry: A Success Story in Clean Tech

The **Canadian forestry sector** has become a leader in clean energy and clean tech, both in industry and communities it serves. The industry has already met the 2016 Paris Agreement target of reducing GHG emissions to 30 percent below 2005 levels by 2030.

Industrial Liquid Coatings Market Worth More Than US\$70B by 2025

The **global market will grow at a CAGR of 6.4 percent**. General industrial segment is likely to clutch the highest share in value of over 60 percent by 2025, while e-coats will account for more than 10 percent. In terms of volume, acrylic based coatings segment will clutch over 15 percent of the entire market share in 2025. Environmental concerns associated with conventional ingredients, coating application technologies, and coating wastes will be the driving forces for developing pollution prevention alternatives.

Global Marine Coatings Market Worth More Than US\$15B By 2024

Anti-corrosion coatings will likely flourish at more than 6 percent CAGR in the forecast span. But the antifouling coating segment, already accounting for over 40 percent of the overall market will show the highest growth rate. The growing need for low fuel consumption will enhance the demand for anti-fouling coatings, since fuel consumption accounts for almost half of the overall operating costs of the ship and overall fuel consumption and CO₂ emission may increase by up to 40 percent due to biofouling.



TECHNICAL NEWS

Performance of Two Component (2k) Conformal Materials

The **performance requirements of conformal coatings** continue to be challenging, as electronics are increasingly subjected to more hostile operating environments. Simultaneously, environmental legislation continues to evolve, with an emphasis on reducing solvent usage and VOC emissions.

Synthesis of Polybenzoxazine-based Polymer and Nitrogen-doped Carbon Nanospheres

Scientists have recently proposed a simple surfactant-free synthesis of polybenzoxazine-based polymers and nitrogen-doped carbon nanospheres.

Improving Self-healing Performance of Polyurethane Coatings

Polyurethane-based microcapsules filled with bulky isophorone diisocyanate, IPDI, were prepared via interfacial polymerisation method in an oil-in-water emulsion.

The results showed increasing healing efficiency by increasing microcapsule content. The

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Focus on Architectural

Concrete Material Science: Past, Present, and Future Innovations

A new paper calls for the exploration of radical changes in three key aspects of concrete use: reinforcement, binder content, and implementation methods.



Focus on Industrial & Automotive

Waterborne Acrylic Pressure Sensitive Adhesives Technology with High-Temperature Performance

A new waterborne technology offers excellent adhesion properties and high-temperature performance. This new technology has applications in the specialty tape market with emulsion technology and surpasses the well-established solvent acrylic and UV syrup that dominate the space today.

Enhancing Surfaces with PVD Coatings

Physical vapor deposition (PVD) is a technique for creating very thin coatings that are extremely hard. These coatings improve the performance and durability of precision components in almost any industrial and consumer good, and also the life of tools for the metal and plastics processing industries. A recent example of this technique is the Scalable Pulsed Power Plasma (S3p) process, which combines the advantages of arc evaporation and sputtering technologies to address customer demands for greater smoothness, exceptional precision, excellent hardness, and good adhesion.

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WEBINARS & SUMMITS

NACE Eastern Conference

October 1-3, Myrtle Beach, South Carolina

SEMA Show

October 30-November 2, Las Vegas, Nevada

AWMA Emission Reduction Controls and Strategies Conference

November 14 & 15, Guelph, Ontario

Bio-based Raw Materials

November 13, Amsterdam, Netherlands

CHINACOAT2018 Future of the Industry

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Dec. 4-6, Guangzhou, P.R. China

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Food Contact Regulations USA

March 19-20, 2019, Washington, D.C.

Publications/Courses

- [Wood Coatings](#)
- [International Buyers Guide](#)
- [Have a Paint Problem? Visit the ACA Paint Clinic](#)
- [Export Insights 2018: Strategies for Trade in Uncertain Times](#)
- [European Union Government Procurement Guide for Canadian Businesses](#)
- [Future- Proofing Preservation](#)
- [Machine Safety and Reduced-Energy Operating Mode: Determining Safe Values](#)

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CPCA PARTNERS

CPMA Hosts Antitrust Compliance Webinar September 27

Join the Color Pigment Manufacturers Association for *"Antitrust Compliance for the Color Pigments Value Chain: What You Should Know & Understand,"* a webinar about compliance practices for the color pigments value chain. The webinar will examine legal requirements and enforcement relevant to U.S. commerce and international business activities.

Alberta Recycling Will Manage Used Oils Program

The October 1 transfer of the used oil materials recycling program from the Alberta Used Oil Management Association (AUOMA) to the [Alberta Recycling Management Authority](#) (Alberta Recycling) is quickly approaching. Alberta Recycling will become responsible for managing and administering the program, in addition to Alberta's electronics, paint, and tire recycling programs.

Eco-Peinture Launches New Website

[Visit the new Eco-Peinture website.](#) Through this program, approximately 7 million kilograms of paint per year are diverted away from landfills in Quebec and nearly 85 million kilograms of paint and empty containers have been recycled since Eco-Peinture was created in 2001.

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CPCA CONNECTS PROGRAM

CPCA: Protecting Your Interests Since 1913

CPCA regularly publishes several important publications to ensure members are fully informed of ongoing issues and actions impacting the paint and coatings industry in Canada. These include:

Regulatory RADAR

Reports on news of interest to paint and coatings manufacturers, suppliers and distributors. A members-only publication detailing comprehensive legislative and regulatory actions at all levels of government.

Prime Time News

A publicly available monthly newsletter sent to members, stakeholders and governments to provide a window into the industry for those with an interest or role in the sector.

Business Management & Marketing News

A members-only publication addressing relevant issues for those involved in management, sales and marketing in member companies.

CPCA INSIGHT

Guide & Directory published annually to report on CPCA's work on behalf of members, key trends in the industry, raising awareness of the issues important for the sector and a guide of CPCA members supporting the important work done to sustain a long-standing and viable Canadian industry

Regular Bulletins, Updates, Memoranda and Press Releases

CPCA members are fully informed and can have direct input on actions taken by CPCA's board, technical committees and staff to ensure the industry is represented at the table

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All past issues of CPCA Publications can be found online in the Members Only section of www.canpaint.com.

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