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“Always deliver more than expected.”
— Larry Page, Co-founder of Google

REGULATORY RADAR HEADLINES

Access to full monthly Regulatory Radar for members only.

- Full WHMIS 2015 Compliance Required for All Suppliers, Distributors and Employers in Canada

- Members Reminded of the 2019-2020 Regulatory Plan for CMP?
- CPCA Hosts Fall Webinars on Biocide Compliance and the 2019 Economic Forecast for Canada and International Coatings Industry
- CPCA Engages with PMRA on Multi-Stakeholder Consultation on Post-Market Pesticide Re-Evaluation Program Review
- CPCA EHS Technical Committee Obtains Health Canada's SDS Audit Results
- CPCA Continues Participation in Health Canada Sub-committee to Address *Hazardous Products Act* "True Copy Label" Requirements
- CPCA Announces Creation of the New Canada Biocides Council
- CPCA CEO Participates in National CMP Stakeholder Advisory Council Meetings
- CPCA Hosts Successful Annual Christmas Luncheon in Toronto
- Six Diplomas Granted in 2018 for CPCA's Three-semester Online Coatings Technology
- CPCA Annual Scholarship Awarded for 2018 to Worthy Recipient

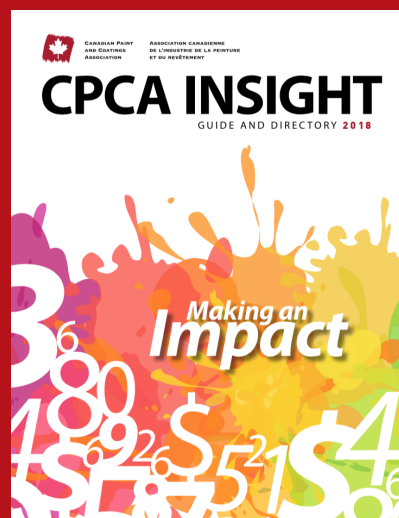
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Get More Insight from CPCA's Annual Guide and Directory

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**.

Download the electronic version.





Keep what you need.
Recycle the rest.

PRESIDENT'S MESSAGE

Another year has come to a close and we have to reflect on the year that was in order to plan for the year ahead. As always, there were some challenges and some successes this year, and the beat goes on. We must continue to meet the demands related to ongoing regulatory requirements in Canada. The paint and coatings industry is certainly among the most heavily impacted when it comes to issues such as chemicals management with the ongoing assessment of more than 500 substances used in our members' formulations, of the total 1540 in Phase 3 of CMP. The federal government is now looking to chemicals management beyond 2020 and what that might mean for industry. The demand for data by the federal government will certainly not diminish, as they continue to gather relevant data to make informed assessments of the chemicals used in products. In that regard, CPCA and its members continue to support the reliance on strong evidence-based data for better regulatory outcomes for both human health and the environment.



In addition to the extensive survey data provided to government in 2018 via various submissions, there will be several surveys to address right out of the gate in 2019. First there is the government's national survey on the MEKO Code of Practice in January, assessing the success of the Code agreed to by industry in 2014. Then there are two other ongoing mandatory CMP surveys on quaternary compounds and coal tars. The government

same time a new microplastics survey will be launched to determine the level of use and potential exposure of microplastics in paint and coatings. Our members will also have to comply with a mandatory flame retardant survey to be completed in the New Year. A survey was also initiated in 2018 on the 1-litre exemption for VOCs in paints and stains in Canada. For this one our members will need sufficient time to respond, as the type of information sought is not always readily available. The federal government will also launch a national survey on VOC content in Architectural and Industrial Maintenance (AIM) paint products sold in Canada for comparison with VOC limits in effect in other North American jurisdictions. Other mandatory surveys under CEPA 1999 for Chemicals Management Plan will be issued later in 2019 along with other reporting requirements scheduled for the year.

As usual, industry continues to comply with significant requirements, as they always have, to ensure sustainable and high-performance products for consumers. CPCA is gearing up to ensure members are fully informed and supported on gathering the necessary data needed for more informed chemical assessment and ultimately better decisions based on science. To help address these challenges CPCA has developed a comprehensive "Canada CoatingsHUB" for members to ensure members have all the tools needed to comply with all regulatory requests such as those noted above and more. This new Hub is a robust and relevant platform to help members deal with the flood of data requests in a timely manner, all on a functional, digital platform. This will include a compliance calendar with all the dates noted to ensure targets are not missed and risk is mitigated. Members can access and search the relevant data via their individual CoatingsHUB dashboard, when and how they wish to. We look forward to launching the Hub by the end of the year.

While working to enhance the regulatory services for members in 2018, including with the addition of new staff, CPCA continued to focus on managing ongoing issues of importance to members. We were pleased on a number of files. In June we were able to get an exemption on the countermeasure steel tariffs for paint cans and lids imported into Canada. Some supplier members were pleased with the exemption, which ultimately kept the price stable for both suppliers and manufacturers. Over the past two years, our industry was concerned with the challenges to the auto refinishing sector in Vancouver where there was a proposed bylaw seeking to exceed federal VOC requirements for a key auto refinish ingredient for paint. It is a rare case in Canada wherein a municipality seeks to exceed the federal rules, especially after a rigorous assessment of the substance was already completed, based on sound science, and currently VOC-exempt. Had the bylaw proceeded it would have impacted 450 auto body shops in the Metro Vancouver area costing millions of dollars to the auto-refinishing sector. In October CPCA was informed that the City would not be proceeding with the proposed bylaw based on CPCA's various submissions.

Natural Resources Canada also came forward this year with proposed regulatory amendments related to restrictions and reporting requirements for acetone, including pastes. There were extensive discussions with CPCA providing specific coatings industry insight on the extensive use of acetone in the sector, including its role in reducing VOC emissions. Following those interventions, the paint and coatings sector was exempted from the proposed amendment. Coincidentally it also has a VOC-exempt status.

Another positive outcome related to the ongoing challenges for biocides used for in-can paint and film preservation for latex paint. Recent federal decisions on biocides were of great concern to CPCA members impacting a signature product in the industry, latex paint. More than 95 per cent of latex paint sold in Canada is now water-based and represents 45 per cent of the total volume. The decisions taken to lower concentration levels for several critical ingredients, including an outright ban on one rendered these biocides useless for paint preservation. It would also negatively impact the recycling of leftover paint in Canada,

concentration levels for two substances and discussions continue on whether or not the ban will remain in place pending further review of a study provided by industry, which looks promising. Several other important biocides used in paint are scheduled for review in 2019-2020.

The few examples above highlights the importance of evidence-based data in the assessment of chemicals in products. CPCA remains vigilant in ensuring such data is the foundation on which all decisions are made with respect to our members' products. The new Canada CoatingsHUB will take these efforts to a new level of professionalism and functionality on behalf of our members.

On behalf of the board and staff, I would like to wish all a very Merry Christmas and a prosperous new year.

Gary LeRoux
President & CEO

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CPCA REPORT

CPCA Annual INSIGHT: Guide & Directory

CPCA is currently working on a new issue of *INSIGHT* magazine. The magazine will be published in the spring of 2019 and delivered to industry leaders across North America. If you would like to learn more about advertising opportunities, [contact Don Burns](#) to receive the [media kit](#).



Webinar Series 2018-2019

CPCA is hosting a series of webinars for our member companies. We'll be exploring current business trends, emerging industry issues, product stewardship and more. For more information watch for email updates from CPCA or contact Rob Taylor (rtaylor@canpaint.com)

December 13, 2018

**2019 Business
Forecast: Canadian
Paint Market Analysis
and International
Paint Trade Insights**

February 14, 2019

**VOC Regulatory
Compliance Update
for Third VOC
Regulation**

April 10, 2019

**Product Stewardship
in Ontario: Transition
to the New Waste Free
Ontario Act in 2020**

2018 CPCA Christmas Luncheon a Success!

On December 5, 75 representatives of member and non-member companies in the coatings industry joined the CPCA Board of Directors for this popular annual event in the GTA. It is a time of year CPCA recognizes the importance of Canada's coatings industry and raise funds for a very worthy cause, the Christmas Wish Program. Those who received the Coatings Technology Diploma in 2018 were acknowledged. The Chair of the Board, Tim Vogel of Cloverdale Paint expressed his gratitude to the board and staff for their service during the year.



Diploma in Coatings Technology for 2018

The recipients of the CPCA Diploma in Coatings Technology were recognized at the luncheon. They completed all three semesters within the prescribed time period and passed the final exam leading to the diploma. CPCA would like to congratulate the Diploma recipients noted below:

David Gendron – Strong MDI, L'Assomption, Quebec
Harshadbhai Patel – Azcor Inc., Woodbridge, Ontario
Andrea Moyles – Mapei, Deerfield Beach, Florida
Brandon Preville – Hempel, Edmonton, Alberta
Andrew Shier- IMCD, Brampton, Ontario

The 2018 CPCA Scholarship for \$2000 was awarded to Tessa Lahti, daughter of Roy Lahti from CPCA member company, Allcolour Paint Ltd. Tessa was accepted for admission to the University of Guelph in Ontario. Congratulations to Tessa.

The Coatings Summit “*Shaping the Future of a Dynamic Industry*”

January 30-February 1, 2019, Paris, France

IPPIC Meeting & Coatings Summit 2019

The **Coatings Summit** presents unparalleled opportunities for representatives from our member companies to network and engage constructively to “*shape the future of a dynamic industry.*” The annual meeting of IPPIC members takes place before the Summit.



CPCA 106th Annual Conference and AGM

May 22nd and 23rd, 2019 at the Sutton Place Hotel
Vancouver, British Columbia

Call for Nominations



Canadian Paint and Coatings Association
106th Annual Conference and AGM

2019 CPCA Industry Awards Call for Nominations



Nominate a Deserving Industry Member or Colleague!

CPCA is pleased to announce the call for nominations for its annual industry awards, which recognizes outstanding contributions made by its members. We are excited to once again honour deserving individuals who have made important contributions to their companies and to CPCA throughout their careers. To nominate someone for one of these awards, please complete [the nomination form](#) and send it to [Micheline Foucher](#) or by fax at 613-231-4908 by Friday, **January 25, 2019**.

Federal Government Plans a National Survey on Architectural VOC Regulations in 2019

The Government of Canada is preparing to launch a national survey to compare the VOC content of Architectural and Industrial Maintenance (AIM) paint products sold on the Canadian market with the VOC content limits in effect in other North American jurisdictions. This survey will also serve to collect sales volume data and current VOC emissions originating from this sector following the implementation of regulations in 2009.

CPCA to Respond to Government of Ontario Proposed Changes to the *Toxics Reduction Act, 2009*

[The Government of Ontario](#) announced its intention to defer the regulation of toxic substances to the federal government starting in 2021, when all affected substances will have been assessed by the federal Chemicals Management Plan. At that time Ontario will repeal the *Toxics Reduction Act, 2009* ending the duplication of reporting requirements for affected businesses. Ontario facilities with existing provincial toxics reduction plans will be maintained without need for review, while new facilities entering the program will not be subject to provincial planning, or reporting obligations.

Canada-U.S. Regulatory Cooperation Council Seeks Input on Streamlining Regulations

Several industries, including CPCA and ACA, submitted comments ahead of the U.S.-Canada [Regulatory Cooperation Council](#) (RCC) multi-stakeholder forum held in Washington, D.C. on Dec. 4-5. The meeting follows a [Request for Information](#) (RFI) published by the U.S. Office of Information and Regulatory Affairs soliciting public input on how the federal government, through the RCC, may reduce or eliminate unnecessary existing regulatory

conveyed its members' input directly to RCC officials. The official joint work plan should be released later in 2019.

Government of Canada to Review MEKO Code of Practice for Coatings

Beginning in early 2019 the federal government will be conducting a 5-year voluntary compliance assessment of the Code of Practice for MEKO (2-butanone oxime). This is an excellent opportunity for manufacturers and retailers of indoor and dual-purpose alkyd paint products to review the practices and ensure full compliance with the code. Another element of the code that is considered key by Health Canada is to **make every effort to either substitute or significantly reduce the concentration of MEKO in their alkyd paint products below a specific range**. Additionally, if your company has not been officially engaged with Health Canada, you can still download the engagement form in the Appendix of the Code of Practice and return it to Health Canada or confirm the compliance status of your company by e-mail.

CPCA has developed the necessary tools (fact sheet, poster and [video](#)) on its [website](#) for all paint manufacturers to freely download and use, whether a member or not. Should you have any questions please [contact CPCA](#)



MEKO

EDUCATIONAL RESOURCES NOW AVAILABLE!

The Canadian Paint and Coatings Association (CPCA) has developed educational communication tools to ensure that all consumers adopt recommended practices with regards to ventilation when using indoor alkyd paint products containing MEKO.

View, download or print copies of the **fact sheet, poster and video** or share a link to the materials on your social media networks and/or website.

www.canpaint.com/meko-educational-materials

 CANADIAN PAINT AND COATINGS ASSOCIATION

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

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.

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FOCUS ON OTTAWA

Finance Committee Endorses CPCA Economic and Regulatory Recommendations

The Finance Committee's annual **Pre-Budget Report** is the culmination of several months of public consultations which include thousands of submissions, presentations and meetings. CPCA's submission focused on improving the competitiveness of Canadian manufacturing with specific recommendations directly impacting the paint and coatings industry. The Committee supported CPCA's call for improvements to the Pest Management Regulatory Agency's evaluation of biocides including expanding its mandate to include the socio-economic impact of its decisions. CPCA also called for better alignment of these evaluations with the United States through the Regulatory Cooperation Council. CPCA's recommendations to expedite capital cost allowance deductions and reductions to the corporate tax rate were addressed in the Fall Economic Statement. Additionally CPCA is working with the federal government to fulfill its recommendation to incorporate post-consumer recycled paint in the Greening Government procurement initiative.

Federal Government Focuses on Boosting Competitiveness, Deficit Rising to \$19.6B in 2019-20

Finance Minister Morneau delivered a fall economic statement in the House of Commons, announcing new measures will help the overall tax rate on new business investment fall to 13.8 per cent, from 17 per cent, the lowest rate in the G7 and a new strategy for export diversification. In the 2019-20 fiscal year, the federal deficit is projected to increase by nearly \$2 billion to \$19.6 billion, up from the \$17.8 billion projected for that year prior to today's fall economic update.

US, Mexico, and Canada Conclude Negotiations on a Trilateral ECA

On **November 30**, the US, Mexico, and Canada concluded negotiations on a new Agreement on Environmental Cooperation (ECA) which will support the implementation of the environmental commitments in the USMCA. The ECA modernizes and enhances the effectiveness of the existing trilateral environmental cooperation to protect and conserve the environment and address emerging environmental challenges. The ECA backs a risk-based approach to regulating chemicals and calls for regulatory alignment among the North American nations. The new environmental cooperation agreement will take effect upon entry into force of the USMCA.

Canada's Plans to Bolster Electric-Vehicle Use

Canadian car dealers can't keep up with electric-vehicle demand. **Federal government expects to roll out its electric-vehicle strategy 'in the coming months'.**



COATINGS ON THE LEADING EDGE OF SUSTAINABILITY

PPG Receives Corporate Social Responsibility Award

PPG is the recipient of the 2018 Corporate Social Responsibility Award from the British Coatings Federation.

Covestro Unveils CO2-based Material for Sports Flooring

Covestro has developed a carbon dioxide-based material known as cardyon for use in sports facility floors. The company produces the material in a closed-loop process that reduces the need for oil.

"Design and Modeling of Innovative Materials" International Teaching and Research Chair Formed in Canada

Arkema, the *École polytechnique* and its Foundation share a common ambition to leverage innovation in order to address the energy, technological, industrial and environmental challenges of today's and tomorrow's world. The research and development themes explored will concern polymeric materials, thermoplastic composites, and adhesives, with particular focus on relationships between process-structure-properties as well as optimization of processes and mechanical properties.

Sustainability Becomes Top-most Criteria in Coating Resins Industry

The rise in demand from consumers and regulators for sustainable solutions has driving innovation as many companies change their approach and devise ways to incorporate sustainable materials into their products.

3 Big Sustainability Issues Facing Every Business and How to Respond

As 2018 draws to a close, the increasingly loud conversation surrounding recycling, food waste, plastic pollution and zero waste is causing people and businesses to work towards more sustainable solutions. Fuelled by a United Nations report finding that the world has just 12 years left to take action on climate change, is adding urgency as business leaders grapple with preparedness. Here are three of the biggest sustainability issues that will impact business operations in 2019.

A New ISO Standard to Support Responsible Use of Wood & Sustainable Rubber Supply

Deforestation and forest degradation are threatening biodiversity and contributing to climate change. A new ISO standard for tracing wood back to its sources will help to provide this information. Faced with a global demand for natural rubber that is rapidly outstripping supply, tire industry stakeholders are pushing to improve sustainable rubber yields, harmonize standards, while improving transparency and traceability in a complex supply chain.

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Terms and Conditions: The savings of up to 25% applies to Avis base rates and is applicable only to the time and mileage charges of the rental. Offer does not apply to car group X. All taxes, fees (including but not limited to Air Conditioning Extra Recovery Fee, Collision Recovery Fee, Vehicle License Recovery Fee, Energy Recovery Fee, Tire Management Fee, and Frequent Traveler Fee) and surcharges (including but not limited to Customer Facility Charge and Environmental Fee Recovery Charge) are extra. Please mention AWD D423500 to take advantage of this offer. Offer is available for U.S. and Canadian residents only for rentals at participating locations in the U.S. and Canada. Offer may not be used in conjunction with any other AWD number, promotion or offer. Weekly rates require a minimum 3 day rental period. Weekend rates available. Thursday return, car must be returned by Monday 11:59 p.m., or higher rates will apply. A Saturday night keep and an advance reservation may be required. Discount valid on rentals checked out no later than December 31, 2016. Offer is subject to vehicle availability at the time of rental and may not be available on some rates at some times, including some online rates at [Avis.com](https://avis.com). Car rental return restrictions may apply. Offer subject to change without notice. Holiday and other blackout periods may apply. ©2016 Avis Rent A Car System, LLC*



CANADIAN PAINT
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AVIS

SPOTLIGHT ON MEMBERS



CORPORATE MEMBER PROFILE

This monthly feature profiles our valued members and highlights the work they do in the sector and their contributions to economic growth and sustainability. This month is Rust-Oleum



Based in Vernon Hills, IL, **Rust-Oleum Corporation** is a subsidiary of **RPM International, Inc.** Rust-Oleum figures among the oldest paint manufacturing companies in North America, as it has been home of trusted quality—and powerful solutions—for 97 years (1921). The company plans to celebrate its 100th anniversary in 2021.

Today, Rust-Oleum Corporation is a worldwide leader in protective paints and coatings for both home and industry. It offers a wide product range including decorative fashion paints, durable industrial roof repair coatings and, of course, the famous rust-fighting formula that started it all.

Solving challenges is the very foundation of this company. After all, in the beginning, Rust-Oleum founder, sea captain Robert Fergusson, didn't particularly care about paint. He just wanted to keep his ship intact. That's why, when he noticed that an accidental splash of fish oil had stopped the relentless spread of corrosion on his rusty metal deck, he immediately recognized it for what it was: A valuable solution.

The same passion that drove the Captain to spend his next few years creating the world's first rust-preventative paint still drives Rust-Oleum today. When its employees see a problem, they work diligently until they've perfected a solution—which has led to some of the most cutting-edge, durable and innovative products in the industry.

Whether it is repairing and coating concrete floors or providing the industry's best asset-protection coating systems, or if any surface needs to be transformed, professionals rely on Rust-Oleum's trusted solutions for every challenge. The company website notes that

trusted names as Stops Rust®, Painter's Touch®, Krud Kutter®, Universal®, EpoxyShield®, RockSolid®, Varathane®, Zinsser®, MultiSpec®, Testors®, Modern Masters®, SEAL-KRETE®, Restore™, Accents, TREMCLAD®, Porch & Floor Coating, and Watco®.



CORPORATE MEMBER NEWS

Dow Receives Six R&D Awards

Six innovative technologies from Dow were recognized with R&D 100 awards on November 16, 2018. The R&D 100 Awards, a signature program of *R&D Magazine*, is designed to identify and celebrate the top 100 revolutionary technologies introduced during the past year. CPCA would like to congratulate a long-standing member with many such awards!

Omnirobotic Company Presents its First, Fully Autonomous Industrial Robotic Painter at Société Laurentide's Research and Development Center!

To counter the workforce shortage crisis faced by manufacturing companies, a start-up based in Laval, run by **Omnirobotic** CEO François Simard, a forerunner of industrial robotics in Quebec, has created an intelligent robot that can paint by itself, and doesn't need programming. This patent-pending technology, OmniPainter™, is ready to advance to on-site field testing at some of the company's future customers' facilities. Two Quebec-based companies and two American companies are currently awaiting the delivery of their first beta-stage OmniPainters™. Omnirobotic aims to fill the four remaining slots of industrial industry testing in 2019. In Quebec alone, there are 5,000 industrial painters with 49 per cent needing to be replaced in the next five years. On December 3-5, with the support of Société Laurentide Inc., Omnirobotic **demonstrated the OmniPainter™** at the company's facilities in Shawinigan. WinDoor is Canada's premier annual window and door industry event.

Hempel Opens New R&D Centre of Excellence in Barcelona

The new **centre's focus will be on the research and development of coating products within the field of passive fire protection** in which Hempel is determined to gain market share during the next few years.



MERGERS AND ACQUISITIONS & DISTRIBUTION AGREEMENTS

PPG to Acquire Whitford Worldwide

PPG announced that it has reached a definitive agreement to acquire Whitford Worldwide Company. The transaction is expected to close in the first quarter of 2019, subject to customary closing conditions. Whitford specializes in manufacturing low-friction, wear-resistant coatings for industrial applications in automotive, aerospace, energy and construction products. Whitford also makes nonstick coatings for cookware, bakeware and small electric appliances such as toaster ovens, griddles, fry pans and irons.

Global M&A Declining amid Trade Concerns, Report Finds

Only 46 per cent of executives worldwide are planning merger and acquisition activity within the next 12 months, down 10 per cent from a year prior. This decline is directly attributed to global trade concerns such as conflict between the US and China. However,

Akzo Nobel and PPG Industries Strengthen Their Businesses with Minor Acquisitions

Akzo Nobel pursues its course on being a focused paint company and boosts its position in the decorative paints market. PPG strengthens its footprint in Europe and the US after Sherwin-Williams swung to the top rank of manufacturers by acquiring rival Valspar. **PPG and Akzo Nobel are now second and third in this ranking.** Earlier this year, Akzo Nobel bought Xylazel, a 100 % subsidiary of Pharma Mar, eyed to strengthen its footprint in the European decorative paints segment by buying 100 % of the shares of the Romanian Fabryo Corporation (Fabryo), and strengthened its business in Asia by acquiring 100 % shares in Malaysian Colourland Paints and Colourland Paints (Marketing). Meanwhile, PPG Industries recorded two minor acquisitions: Hodij Coatings, a performance coatings distributor in The Netherlands and a recently announced acquisition: SEM Products, a U.S.-based manufacturer of specialized automotive refinish products in South Carolina. This last transaction is expected to close in 2018.

Troy Announces Acquisition of DBM Blending

Troy Corp, New Jersey, has completed the **acquisition of DBM Blending B.V. of Moerdijk, The Netherlands.** This acquisition enhances Troy's manufacturing capabilities. Financial terms were not disclosed.

Henkel and RLE International Announce Alliance

Henkel and RLE International recently announced that they have agreed to form a strategic alliance intended to drive automotive innovation, expand value creation opportunities and become the premier design-in engineering solution provider for the mobility industry.

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**Save
the Date** | May 22nd &
23rd, 2019



Canadian Paint and Coatings Association
106th Annual Conference and AGM

Canada's Coatings Industry:
Vision 20-20 Beyond 2020
Sutton Place Hotel Vancouver, British Columbia



Set your sights on 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

paint and coatings industry. Look for notifications later in November announcing presenters, early bird registration, hotel block, and flight discounts.

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

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OTHER

NEWS OF INTEREST



INTERNATIONAL NEWS

Study: Manufacturing Industry Faces Unprecedented Employment Shortfall

As growth in the U.S. economy continues and manufacturers create more and more jobs in a thriving sector, the industry's pre-existing workforce crisis could get even worse, according to a new 2018 skills gap study, released today by Deloitte and The Manufacturing Institute—the social impact arm of the National Association of Manufacturers (NAM). **Persistent skills shortage in the US could risk \$454 billion in economic output in 2028.**

Global Construction Sealant Market 2018-2022

This market is expected to post a CAGR of nearly 6% during the period.

Functional Coil Coatings Market Outlook by 2025

the key players in this market.

Global Nano Coatings Market 2018

[Bio-Gate](#), [Buhler GmbH](#), [AdMat Innovations](#), [Surfix BV](#) are listed as the main players in this market report, which provides the sales made in the global market, the annual production, the profit made by the industry, the investments made by the manufacturers and the initiatives that are taken by the government to boost the growth of the market.

Eco-friendly Paints to Drive Growth in Exterior Architectural Coatings

[A recent market research report forecasts](#) the exterior Architectural coatings market will hit approximately \$85.2 billion by value by 2020. Leadership in Energy and Environmental Design (LEED) and the green building movement are gaining momentum.

Smart Coatings Market Rising in Prominence with New Innovative Technologies

A New Research Report, "[Smart Coatings Market: Industry Perspective, Comprehensive Analysis and Forecast, 2015 – 2021](#)" provides an expert and in-depth analysis of key business trends and future Smart Coatings Market development prospects, key drivers and restraints, profiles of major Smart Coatings Market players, segmentation and forecasting.

Methyl Methacrylate Adhesives Market, 2023

[This market is estimated at US\\$ 1.09 billion in 2018 and is projected to reach US\\$ 1.56 billion by 2023, at a CAGR of 7.5 per cent.](#)



ECONOMIC NEWS

EDC Global Export Forecast Fall 2018

Canadian goods exports are forecast to follow up last year's banner performance with another strong 6 per cent expansion in 2018 and 4 per cent in 2019. Within manufacturing, aerospace is expected to see the most impressive gains. In contrast, automotive exports are expected to see negative growth in 2018 before bouncing back a bit next year. [See also the provincial overview.](#)

Tariffs: What They Mean for Your Pricing Strategy

While there is great uncertainty at this stage as to what, how large, and where tariffs will be imposed, one thing is certain: price adjustments will likely result. To make pricing changes that best respond to this new environment, [Export Edge Canada, consulting group suggests to take into account four factors: 1. Impact on Costs, 2. Customer responses to price 3. Competitors impacted differently 4. Implementation: how to increase prices](#)

OECD Science, Technology and Innovation Outlook 2018

[The OECD Science, Technology and Innovation Outlook 2018](#) is the twelfth edition in a series that biennially reviews key trends in science, technology and innovation (STI) policy in OECD countries and a number of major partner economies. The 14 chapters within this edition look at a range of topics, notably the opportunities and challenges related to enhanced data access, the impacts of artificial intelligence on science and manufacturing, and the influence of digitalization on research and innovation. The report also discusses the shortcomings of current policy measures, how the Sustainable Development Goals are re-

How Automation Technology Can Help Small Manufacturers Beat the Giants

Sometimes manufacturing can feel like a battle between David and Goliath. But in the era of automation (Industry 4.0), manufacturers are discovering the advantages to being smaller. **Automation technology has leveled the playing field and now smaller means nimble, niche and for the first time heading in the same direction as the big guys.**

Focus on Architectural

Canadian Housing Starts See Surprise Gain in November

Canadian housing starts surprisingly rose in November as groundbreaking on multiple unit urban homes increased 3.9 percent. The seasonally adjusted annualized rate of housing starts increased to 215,941 units from a revised 206,753 units in October. **See the housing starts in metropolitan cities across Canada.**

Adhesives Manufacturer Installs New Hampshire's Largest Solar Array

The companies said the project would generate about half the energy needed to operate. In addition to saving on energy costs and bolstering its environmental record, officials said the array would help insulate the company against changes in the energy market — particularly in volatile New England.



Focus on Industrial & Automotive

Auto Sales Dip 9.4 Per Cent in November, Marking 9 Months of Declines

After a record year in 2017, car and light truck sales are set to be lower for 2018. This year will mark the first since 2009 that auto sales have not expanded, but 2018 will still be second only 2017 in sales volume, according to DesRosiers Automotive Consultants Inc. Annual sales are 44,000 lower to date.

Air-taxi Fleets Still Hover a Decade Away

Even after the technological hurdles are overcome, on-demand urban air mobility will require all-new electric vertical-lift aircraft, a new low-altitude air traffic control system, and new business models.

Technical Coatings in Additive Manufacturing

The term **Additive Manufacturing (AM)** stands for a series of different technologies of **additive manufacturing** in which an object is built up layer by layer using a 3D model. However, the surface roughness of the components and the porosity of the surface often pose a challenge. Using technical coatings, European scientists were able to significantly improve the surface properties of AM-manufactured components.



Return-to-Service and Excellent Aesthetics

This paper highlights the development of a new waterborne epoxy curing agent based on novel amine technology.

Chemists Develop Safe Alternatives to Phthalates in Plastics

Researchers at UC Santa Cruz have developed safer alternatives to the phthalate plasticizers used to enhance the suppleness, flexibility, and longevity of plastics. The chemicals that are effective as plasticizers for polyvinyl chloride (PVC) but can't leach out of PVC products because they are chemically bonded to the polymer chain.

<https://phys.org/news/2018-11-chemists-safe-alternatives-phthalates-plastics.html>



Focus on Architectural

Researchers Are Developing Self-Healing Concrete

Many composite building materials used in the construction industry – such as concrete – suffer fatigue over time, developing small cracks. Researchers at the University of Cambridge are hoping to overcome this problem by adding microcapsules filled with 'healing' agents to the concrete before it is used. This approach requires the formation and functionalization of double emulsion microcapsules, which we have been producing with the help of microfluidics.

ASTM D7869-13 Test for High-quality Architectural Coatings

A recently developed xenon arc-based accelerated weathering cycle, ASTM D7869-13, has been validated for automotive and aerospace coatings, but its ability to predict the gloss and colour retention of premium architectural finishes has not yet been evaluated. Scientists recently reviewed new weathering data comparing the performance of poly (vinylidene fluoride) (PVDF) architectural finishes as well as several accelerated exposure methods including ASTM D7869-13.

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WEBINARS & SUMMITS

IPPIC Meeting & Coatings Summit 2019

January 30-February 1, 2019, Paris, France

The Coatings Summit presents unparalleled opportunities for representatives from our member companies to network and engage constructively to “shape the future of a dynamic industry.” The usual annual meeting of IPPIC members takes place before the Summit.

Smart Coatings

February 20-22, 2019, Orlando, USA

Regulation

February 14, 2019

The Waterborne Symposium (2019)

February 24 - March 1, 2019, New Orleans, Louisiana

European Coatings Show

March 19-21, 2019, Nuremberg, Germany

Powder Coatings 2019 Technical Conference

April 1-4, 2019, Orlando, Florida

CPCA Webinar: Product Stewardship in Ontario: Transition to the New Waste Free Ontario Act in 2020

April 10, 2019

2019 CoatingsTech Conference

April 8 - 10, 2019, Cleveland, Ohio

CPCA Webinar: Chemicals Management Plan: Post 2020?

June 12, 2019

The Chemical Coaters Association International (CCAI) and Powder Coating Institute (PCI) Annual Meetings

June 16-20, 2019, Hilton Head Island, South Carolina

Greenbuild International Conference and Expo

November 20-22, 2019, Atlanta, Georgia

June 18-19, 2019, Mexico City, Mexico

Asia Pacific Coatings Show: Two Days of High Level Technical Conference

September 4-6, 2019, Bangkok, Thailand

Publications/Courses

- Achieving More Success in Product Development (First in a Series of Four)
- ISO 45001: Understanding the New International Standard for Occupational Health & Safety
- 50 Predictions for the EHS World in 2030
- OECD, UN Environment and World Bank Report: Financing Climate Futures by Rethinking Infrastructure
- The 2019 Quality Buyer Guide & PCI Buyers Guide
- ISO TC/35 Paints and Varnishes Standards
- How Ontario Can Future-proof Its Manufacturing Industries



CPCA PARTNERS

IPPIC Proposal Adopted by UN Transport of Dangerous Goods Committee

A proposal developed by the IPPIC was adopted at the recent UNSCETDG meetings held in Geneva from Nov. 26 – Dec. 4 in Geneva. The proposal seeks to **alleviate technical name requirements for environmentally hazardous substances** making it easier for emergency responders to determine the nature of substances being transported. The amendment will appear in the 21st revised edition of the Model Regulations, to be published in 2019.

Vincentz Network Acquires Home and Personal Care Exhibition and Conference

The globally acknowledged "Home and Personal Care Ingredients Exhibition and Conference (HPCI)" **portfolio, established and managed by Verlag für chemische Industrie H. Ziolkowsky GmbH, has been acquired by Vincentz Network.** ACA collaborates with Vincentz Network for the organization of the **American Coatings Show**, the leading North American Coatings Show, that is scheduled for April 8-10, 2019.

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 **CANADIAN PAINT AND COATINGS ASSOCIATION**
ASSOCIATION CANADIENNE DE L'INDUSTRIE DE LA PEINTURE ET DU REVÊTEMENT

CPCA Communications & Publications

Providing you with timely, accurate and relevant industry insights and information impacting your business.



CPCA CONNECTS PROGRAM

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 when decisions are made affecting their business.

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

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Our mailing address is:

900-170 Laurier Avenue West

Ottawa ON K1P 5V5

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