



PRIME TIME NEWS

“One man with conviction will overwhelm
a hundred who have only opinion.”

Winston Churchill



PRESIDENT'S MESSAGE

Onerous Chemical Assessment in Canada Actually Works

CPCA just completed its bi-annual Paint and Coatings Working Group (PCWG) meeting with federal government officials on the current and specific chemicals of concern being assessed under Canada's Chemicals Management Plan (CMP), as required under CEPA. Environment and Climate Change Canada and Health Canada are the primary government departments for the CMP. The fourth phase of the CMP secured funding in budget 2021 and prioritization of chemicals to be assessed under CMP 4 is now underway. Matters discussed at the recent PCWG meeting do not include other policy and regulatory issues being addressed in other branches of government directly or via bilateral or multilateral meetings. However, those matters are fully addressed in our monthly publication, the Regulatory Radar, provided to ensure they are fully informed with respect to compliance requirements on all files and all curated on the Canada CoatingsHUB for 'members only.'

The PCWG working group was established by CPCA fifteen years ago in collaboration with the federal government departments of Health and Canada and Environment Canada. It provides an effective forum for discussion of 'all' issues of concern for the CASE industry in Canada. It has been a critical part of how CPCA ensures members are up to date on all regulatory compliance requirements. This working group meets twice a year over the course of a day to take stock of where things stand on the many issues before the industry. Consideration is given to how things might work better for both government and industry in terms of managing the data flow and how we might do our respective work more efficiently and effectively given the preponderance of data on both sides. Both government officials and CPCA members on the EHS Technical Committee especially are to be congratulated and thanked for their commitment to product stewardship and the work done for the benefit of the environment, health, and worker safety.

A quick look at what is currently on the CASE sector agenda that was addressed at the recent PCWG meeting reveals there is much on our agenda. First, there are 10 draft or final screening assessment reports related to CMP 2 publications for substances in the CASE sector proposed as 'potentially toxic' and 15 proposed as 'non-toxic'. For CMP 3 publications, there are 31 ongoing draft and final screening assessment reports, 13 substances of interest being assessed related to

substances, increased supply chain transparency for chemicals, etc. The outcomes for all the work done on these substances and various initiatives require significant input from those operating in the CASE industry in Canada. This is only a snapshot in time of chemical management for the coatings industry. These important files move forward simultaneously and often overlap, thus leading to significant industry-government collaboration in terms of time-limited data gathering, formal submissions, personal interactions with members and officials, and the necessary formal assessments by government.

Without the substantial data and insights provided by CPCA members, government assessors would not be able to do their job as well as they do, and product stewardship would not be well served in terms of the impact on both the environment and human health. It is clear the risk-based approach employed under Canada's Chemicals Management Plan is indeed working. Anything to subvert what is arguably the best practice approach to chemicals management, widely lauded by other countries, would do a disservice to what Canada has achieved to date for the protection of human health and the environment. More importantly, it could delay similar achievements for a healthy environment for all Canadians in future.



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“

Hey CPCA Members! Can you believe it? In one month we'll be gathered together at CPCA's 108th Annual Conference in Quebec City on May 25-26, 2022. Our first Conference in two years! Myself, and the entire team look forward to welcoming you and catching up.

Visit canpaint.com for details.

I look forward to seeing you there!

Gary LeRoux, President & CEO, CPCA



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on current issues follow or connect with me on LinkedIn!

Gary LeRoux, President & CEO, CPCA



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Dan Breznitz, Chair of Innovation
Studies, Munk School of Global Affairs

Keynote Speaker
Innovation in Real Places

Don't Miss Keynote Speaker at the CPCA Conference on May 25-26 in Quebec City

Innovation is now top of mind for both industry and government with the recent announcement of the Canada Growth Fund in Budget 2022 promising \$15 billion over the next five years “to attract substantial private sector investment to help meet important national economic policy goals” with a focus on the Canadian Innovation and Investment Agency to invest in innovation, research, and development. This is the main topic at CPCA's upcoming Annual Conference in Quebec City on May 25-26 where the **Keynote Speaker will be Dan Breznitz**, current Clifford Clark Visiting Economist at the federal Department of Finance. Dan recently shared his thoughts on Budget 2022 in concert with the **former Governor of the Bank of Canada**, David Dodge at a virtual presentation of the global research organization CIFAR. Dan has also written extensively on the issue of innovation and recently published an award-winning book: *Innovation in Real Places: Strategies for Prosperity in an Unforgiving World*.



ADVOCACY REPORT

- CPCA Ensures Effective Representation on PMRA's Transformation Steering Committee on the Targeted Pest Control Products Act Review
- Members Consider Potential Hazardous Product Regulation Amendments Related to Specific Elements of GHS Rev 8
- Government Developing "Draft Code of Practice for the Environmentally Sound Management of Chemical Substances" for Possible Use on Certain CMP-3 Substances
- OECD Publishes a Report on Commercial Availability and Uses of PFAS and Alternatives in Coatings, Paints, and Varnishes
- World Coatings Council Elects (WCC) New President

NOTE: Members requiring further information on any items included in this newsletter can search them on the [CoatingsHUB](#) or contact [CPCA](#) directly.

CPCA Ensures More Representation on PMRA's Transformation Steering Committee to Manage a Targeted Pest Control Products Act Review

Last March, Health Canada's Pest Management Regulatory Agency (PMRA) published a discussion document for modernizing the *Pest Control Products Act* through a targeted pesticide review process. The targeted review focuses on three main areas of functional changes: modernized pesticide business processes; improved transparency; increased use of real-world data and independent advice. Now composed of 60+ different groups (Federal and provincial government, academia, indigenous organizations, and trade associations), the PMRA Transformation Steering Committee (TSC) will carry out this review process forming three smaller and specific Consultation Tables to gather stakeholder input on the roadmaps for functional changes. More stakeholders can participate in the Consultation Tables. In order to modernize the current process, PMRA intends to address risks earlier rather than later in the re-evaluation of pesticides/biocides. The use of a continuous life-cycle approach was proposed versus the current "point in time" approach. On behalf of CPCA, Adrian Krygsman attended the first two TSC meetings in April with Consultation Table activities taking place in the spring and summer. While the overall PMRA transformation efforts appear largely focused on agricultural pesticides, the agency does not regulate other antimicrobials differently. As such, it will be critical to ensure that the process is fair, focused, and leads to a more definitive review process. Once decisions are made based on the available data, they must be final and not subject to second-guessing or afterthoughts related to decisions already taken, which can be very disruptive for all concerned to date.

CPCA Members Discuss Potential HPR Amendments Related to Specific Elements of GHS Rev 8

In December 2020, Health Canada proposed amendments to the *Hazardous Products Regulations* (HPR) that would fully align it with the 7th revised edition of GHS. In February 2021, the Occupational Safety and Health Administration (OSHA) also published a notice to amend the Hazard Communication Standard to align with the GHS Rev 7 but with consideration of adopting chapter 2.3 of the GHS 8th revised edition. Health Canada and OSHA have been discussing the remaining variances between their proposals since mid-2021. Health Canada is now informally exploring the potential impacts and burdens on industry of further amending Subpart 3 of Part 7 of the HPR to adopt the "Chemicals Under Pressure" (CUP) classification, specifically related to chapter 2.3 of Rev 8. These changes will affect suppliers selling aerosol paint and adhesives products as they would need to update their SDSs (and labels for industrial products), including reclassifying some of their products as CUP. CPCA members have discussed the proposed adoption of this GHS Rev 8 provision, which is generally seen as further improvement, but they also pinpointed some drawbacks requiring further clarification.

Environment and Climate Change Canada Pre-consulting on a "Draft Code of Practice for the Environmentally Sound Management of Chemical Substances"

Once approved the code will be used for certain CMP-3 substances. ECCC recently developed a draft Code of Practice with the goal of identifying and promoting best practices in the management and handling of chemical substances in the manufacturing and distribution of chemicals, plastics,

the Code may serve as a supporting risk management instrument to address specific substances. The Code was developed based on information obtained from consultant's reports and literature and on feedback received from industry associations in the targeted sectors. The Code will require participating facilities to produce annual evaluation reports and may request additional information if necessary.

OECD Publishes Reports on PFAS and Alternatives in Coatings, Paints and Varnishes and Their Commercial Availability and Current Uses

The OECD recently released a report and recommendations on the commercial availability and current uses of PFAS substances in various paints, coatings and varnishes. The majority of PFAS are fluoropolymers (FPs), except for short-chain PFAS that are used in household paints as levelling, wetting and anti-blocking agents.

Tom Bowtell Elected President of the World Coatings Council

The CEO of the British Coatings Federation (BCF) will lead the World Coatings Council (WCC) for two years as President. Sustainability will be an important theme of Bowtell's presidency, with the WCC publishing its first Sustainability Report later this year to highlight the industry's growing focus on sustainability.

More details on these and other industry issues are available for members on the Canada CoatingsHUB or can be found in the Regulatory RADAR.



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CPCA'S Annual Guide & Directory for 2022 will soon be available. Complete with market updates, the latest on industry issues, and more...

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GREEN INITIATIVES

Coatings have numerous applications for countless substrates. What's remarkable about the environmental advances in coatings is that they are engineered to perform well under varied conditions and provide advanced performance characteristics to the finished product. This means protection from degradation such as corrosion, abrasion, high or low temperatures, ultraviolet rays, moisture, and microbes. All of these enhance the life-cycle of valuable assets and ensure improved product stewardship and sustainability.

Federal Government Investment of \$2 Million for Lorama Group to Commercialize and Scale-up Production of its Green Bio-adhesive Products

With this investment, **Lorama** will acquire advanced manufacturing equipment to commercialize and scale up their novel, renewable, non-toxic bio-adhesive used in wood composite products. This investment will create up to 20 new jobs in the Mississauga region, as well as reduce the use of fossil fuels. With more than 40 full-time chemists, the company helps customers achieve cost-effective and sustainable formulations.

AkzoNobel and Microsoft Take Quantum Leap to Fast Track Innovation

AkzoNobel and Microsoft have teamed up to explore how quantum computing could help fast-track the **development of high-performance and more sustainable coatings**. Scientists from both parties will co-develop what will effectively be a virtual laboratory. The aim is to conduct experiments using quantum computing and other Microsoft Azure cloud services. Quantum chemical computation is capable of simulating chemical reactions at an unprecedented level of accuracy. Together, Microsoft and AkzoNobel will explore how this can contribute to creating more advanced and sustainable products through collaborative experimentation and development.

BASF Confirms Ambitious Climate Targets and Takes Steps to Reduce Product-related Emissions

BASF recently reaffirmed its ambitious climate targets. **By 2030 it aims to reduce its greenhouse gas emissions by 25 percent** compared with 2018. It will also ensure 100 percent of 2021 global power demand will be obtained from renewable sources by 2030 and maintain its goal of net-zero emissions globally by 2050.

PPG Introduces PPG ONECHOICE ADPRO MAX Pigmented Adhesion Promoter for Automotive Plastics

and other automotive plastics. “Our new adhesion promoter directly addresses the collision repair center’s need to deliver high-quality repairs while reducing cycle time,” said Pete Ragone, PPG solvent-borne brand marketing manager, Automotive Refinish.

Axalta Coating Systems Wins Two Prestigious 2022 Edison Awards

Axalta’s Spies Hecker full-waterborne repair system and its Digital Paint coating technology earned **Bronze in the Sustainability and Engineering and Materials Science categories**, respectively. Named after Thomas Edison, the Edison Awards have recognized and honored some of the most innovative new products, services, and business leaders in the world since 1987.

BASF Venture Capital Invests in Oceanworks, a Sustainable Plastic Sourcing Platform

The corporate venture company of BASF Group announced a **strategic investment in Oceanworks**, a sustainable plastic solutions provider that brings traceability and transparency through digitalization to recycled plastics.

CPCA and its membership are Proud Sponsors of Tree Canada and participate in the National Greening Program.

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MEMBER RECOGNITION

If you or your colleagues have important information to report about your company such as awards or special recognition, please inform CPCA

Société Laurentide Recognized at the Gala Distinction Desjardins de la Chamber of Commerce and Industry of Shawinigan

Société Laurentide was very proud of receiving three awards, in areas that they try to honour every day, such as Employer of choice, Green the Future and Cultural diversity.

Several CPCA Members Among the Winning Companies of the CN Safety Handling Award

Among the recipients of the **CN Safety Handling Award** are Azelis Canada, Brenntag Canada, Dow Chemical, Lanxess, Quadra Chemicals, and Univar Solutions Canada.

Vinavil and Lorama Among the Top Resin Suppliers Interviewed by Coatings World on New Resins for the Paint and Coatings Market

To discuss how resin suppliers **manage to balance customer demands with the rising costs** associated with manufacturing resins and what are the new resins on the market, Kerry Pianoforte, Editor Coatings World, recently interviewed Diana Liu, Product Manager, and Jake Jevric, Corporate VP, Lorama Group Inc. as well as Hemant Shah, Business Director, VINAVIL Americas.

ACA Recognized Industry Members Prior to the 2022 American Coatings Show in Indianapolis

Several American Coatings Association (ACA) members, who have also been active CPCA members, were the recipients of the **Industry Excellence Award** presented by the American Coatings Association (ACA) at its **Awards Dinner at the ACS**. The Award recognizes individuals who have given many years of service to the industry, during which they have served the association and industry through significant technical contributions and/or participation on Issue Management Committees. Congratulations to Michael Butler, Barry Cupp, Bob Israel, Greg Johnson, and Mike

Benjamin Moore Receives Two J.D. Power Awards, Ranking Best in Customer Satisfaction Among Interior Paint & Paint Retailers

Benjamin Moore was recognized once again in the [J.D. Power 2022 U.S. Paint Satisfaction Study](#). The paint leader earns the highest ranking in Customer Satisfaction with Interior Paints. Benjamin Moore independent retailers were awarded Best in Customer Satisfaction among Paint Retailers.

Startups Excited to Receive the Paint the Future Award from AkzoNobel

Following an intense three-day boot camp, winning startups were selected by an international jury to continue working with [AkzoNobel on sustainable business opportunities](#). Three winners of the AkzoNobel Paint the Future global startup challenge are all set to accelerate their innovative coating solutions.

Read CPCA's Economic Impact Study which provides an overview of the real contributions made by the Canadian Paint and Coatings Industry to the Canadian economy.



CANADIAN ECONOMY

The Conference Board of Canada Latest Economic Outlook

A solid economic recovery from the Omicron variant and the quick rebound in the labour market has [boosted economic activity](#), absorbed economic slack, and boosted consumer confidence. The Index of Consumer Confidence increased by 4.5 points in April 99.8 (2014 = 100). However, affordability remains a key concern for consumers. Inflationary pressures exacerbated by supply chain disruptions and higher commodity prices undoubtedly affect consumer behaviour and consumption patterns. In March, the Consumer Price Index (CPI) rose by 6.7 percent (y/y). Excluding food and energy, the CPI climbed by 4.6 percent. As the higher consumer savings are acting as a buffer against higher prices, this is likely to be a short-lived phenomenon as savings slowly diminish. Unemployment hit 5.3 percent in March, the lowest in 50 years. Global influences pushing Canadian consumer prices higher may take longer to rein in. Repairing and reorganizing trade linkages and securing stable supplies of raw, intermediate, and final goods will take time. Stimulative maneuvers by the federal government may be at odds with the Bank of Canada's aim to rein in price growth.

CoatingsTech Raw Materials Report 2022: Despite Ongoing Challenges, There is Light at the End of the Tunnel

As the paint and coatings industry navigates away from [the effects of the pandemic](#), raw materials shortages, substitutions, price increases, allocations, force majeure, and other problems persist. But we appear to be seeing some stabilization in the overall situation, insofar as pricing increases seem likely to moderate, although pricing decreases do not appear to be on the horizon. Lead times are improving, and containers are still a problem, but they are easier to get than in mid-2021, and there is greater vessel availability. Additives, regardless of type, from catalysts to flow additives, have probably caused more problems than any other category of raw materials but their availability is becoming a bit less limited entering 2022.

Federal Budget 2022: Government to Help Build More Resilient and Efficient Supply Chains

[Transport Canada](#) will receive \$603.2 million in funding over five years to support supply chain projects through the National Trade Corridors Fund and to develop industry-driven solutions to use data to make Canada's supply chains more efficient, building on the success of initiatives like

work effectively together.

TiO2 Producers: Dealing with an Uncertain World

Given a variety of contributing factors, limited TiO2 supply, and increasing prices are **expected to persist through 2022**.

CEOs and Sustainability

The simultaneous global crises of climate change, global pandemics, geopolitics, and racial and social injustices continue to **wreak havoc on the business landscape**. Events like these are a stark reminder of just how much work we must do to build a better, more resilient planet for all. Leaders today have a once-in-a-generation opportunity to pivot their businesses to a more sustainable future. This isn't just about making net-zero promises. According to a recent survey, millennials are 5.3 times more likely to stay with an employer when they have a strong connection to their employer's purpose. And sustainability is becoming an increasingly influential factor in corporate investment.

CPCA's Monthly Report covers recent global mergers and acquisitions and various commercial agreements within the CASE industry and multiple sectors. Members are encouraged to access the Report on the Canada CoatingsHUB.



Read the Monthly Report



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TECH INNOVATIONS

Chicago Scientists Develop Environmentally Safe, Frost-resistant Coatings

Glycols that get washed away before the plane takes off, are a serious environmental problem that costs hundreds of millions of dollars. These new coatings are an all-in-one package that can delay the formation of frost for extended hours and simultaneously cause any ice formed on its surface to easily be shed off by a gentle breeze or simple substrate tilting. The coatings are a family of **phase change material-based formulations and multifunctional coatings** which can tailor solid foulant adhesion on functional surfaces, ranging from ice to bacteria, irrespective of their inherent material structure and chemistry.

US Scientists Demonstrate New Method to Improve Catalyst Activity

plastics, and chemicals. Metal-metal oxide catalysts are fundamental to reactions for improving petrochemicals, pharmaceuticals fine chemicals, and biomass. Platinum-tungsten oxide catalysts were used to perform the conversion of non-edible plants nearly an order of magnitude faster than conventional approaches.

Transparent Coatings with Good Flame Retardancy

Thermal stability, flame retardancy, and transparency are essential for **UV-curable materials serving as packing materials** for some optical or electronics devices. Researchers have recently presented a highly transparent acrylate epoxidised soybean oil-based UV-curable silicone-modified coating with good thermal stability and flame retardancy.

Durable Self-polishing Antifouling Coating

The development of effective, long-term, and environment-friendly **antifouling coating remains a challenge**. A new self-polishing nanocomposite coating could be an ideal choice in marine antifouling applications. This novel antifouling coating is based on fluorine-containing pyrrolidone amphiphilic copolymer-functionalised nanosilica.

New bio-based Epoxide-amine Coatings with Their Nanocomposite Coating Derivatives (Graphene, CNT, and Fullerene) as Replacements for BPA

As replacements for BPA, this **new bio-based epoxy-amine coatings** and their nanocomposite coating derivatives including graphenes, carbon nanotubes (CNTs), and fullerenes were prepared for the first time to compare their thermal and mechanical properties. All cured coatings have good mechanical properties in terms of hardness, cross-hatch adhesion, and impact resistance. Generally, epoxide-amine nanocomposite coatings displayed better thermal and mechanical properties in comparison to epoxide-amine coatings.

New Zealand Bee-inspired Biopolymer Project Developing Water-repellent Textile Coating

By mimicking the properties of the **solitary masked bee's cellophane-like nesting material**, researchers have created a biopolymer that is water-repellent and resistant to flames, high temperatures, and strong chemicals.

Project Investigates Thermal Recycling Methods for Functional Coatings

The three-year TReFCo (**Thermal Recovery of Functional Coatings**) project will investigate thermal recycling methods for functional coatings and develop wavelength-sensitive adhesives which will 'unglue' when subject to certain types of radiation. TReFCo aims to develop a low-cost method for removing these coatings so that they can be reused to make new devices. This will have multiple benefits; it will mean that valuable raw materials are kept within the supply chain, supporting a circular economy.

ZnO Nanoparticles to Fight Hospital-acquired Infections and to Enhance Cotton Fabrics

Nosocomial (**hospital-acquired**) infections are a serious issue that is yet to be solved. They worsen patients' conditions, are highly resistant to antibiotics, and are hard to cure. A government-supported project created a new type of paint enhanced with **biocidal ZNO nanoparticles doped with silver** that can neutralize most of the common pathogens. Scientists have prepared a coating of modified zinc oxide nanoparticles on cotton fabrics for enhanced functional characteristics.

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Market Research Reports

Now available on the [Canada CoatingsHUB for Members Only](#)

Other CPCA Statistics and Research for Members on the [Canada CoatingsHUB](#)

CPCA Monthly Reports on M&A and Distribution Agreements

Each month CPCA updates recent M&A activity as well as various commercial agreements by members and others in the industry of interest to all members. [The current list is available on the Canada CoatingsHUB \(For Members Only\)](#)

CPCA has compiled international market research reports for 2026-2030 for multiple market segments.

[View the Reports](#)



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