

PRIME TIME NEWS

Canada's Trusted Source for Industry News on Innovation, Technology, Sustainability, and the Economy



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“ The pandemic has turbocharged an evolution in the operating environment for virtually every company. ”

Larry Fink, Chair and CEO, BlackRock



Canadian Paint and Coatings Association

Association canadienne de l'industrie de la peinture et du revêtement

Coatings are the Future!

Coatings are *reliable, responsible, and recyclable*. They are also key to *protecting, preserving and providing* for our future. Contact CPCA to share how your coatings product is helping to build back better.

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PRESIDENT'S MESSAGE



Canada's Widely Regarded Chemical Management Plan

The Canadian Paint and Coatings industry has been heavily involved with the federal Government for many years regarding 'chemical assessment' and the subsequent 'risk management' of chemicals in commerce. The same can be said for other industry sectors using chemicals in products. This widely regarded and rigorous world class approach to chemical assessment, the Chemicals Management Plan (CMP), along with literally thousands of other federal chemical regulations, ensures safe products for consumers and protects both human health and the environment. That is as a fact despite suggestions to the contrary in some circles without a full and complete knowledge of long established, strict protocols on how chemicals are assessed in Canada.

A quick look at what the coatings industry alone is dealing with on chemicals management reveals that there is no stone left unturned when it comes to ensuring chemicals used in Canada are safe. At the same time these chemicals deliver strong performance for many sustainable products used every day whether it be around the home for protection of valuable assets, road markings ensuring safety on our streets, anti-viral coatings ensuring clean surfaces in hospitals, and the list goes on.

Firstly, for the coatings industry alone there are now **two pending draft 'chemical risk assessment' reports** completed after many months of data gathering and exhaustive science-based evaluation by federal officials, all with strong science backgrounds. For substances concluded as being CEPA-toxic, these assessments may lead to 'risk management' measures such as outright bans, regulations, pollution prevention plans, codes of practice, etc. For the coatings industry there are **23 'chemical risk assessment' reports** and **'chemical risk management' instruments** already published covering more than a dozen substances designated as 'toxic' under CEPA.

Second, for CMP-3, there are **24 draft and final screening assessment reports** being prepared for groups of substances in the coatings industry such as ketones, flame retardants, esters, alcohols, and furans. These important reports 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 member companies and officials, subject matter experts, and all leading to the final risk management of substances by government, if so determined. This is an exhaustive process that ensures there are no negative impacts from the use of chemicals in products. To suggest otherwise, without any data, would be false and disrespectful of what federal officials and industry have achieved over many years.

Thirdly, once a risk management approach is decided for a chemical that remains in commerce, it doesn't stop there. For example, **more than a dozen coatings substances of interest, which have already been assessed, are still monitored when used in other products, referred to as 'significant new uses'** of those substances (SNAc). Several other initiatives are under consideration by the federal Government related to risk assessments for nanomaterials including titanium dioxide and zinc oxide nanoforms. Officials are also looking at how to effectively assess literally thousands of PFAS substances and how to ensure more supply chain transparency for chemicals in commerce, as they always have for many substances in the past. While the process is costly, rigorous, and time consuming, both industry and government are committed to ensuring both human health and the environment are protected.

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. Additionally, product stewardship would not be well served in terms of potential impacts on the environment or human health, if any. **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, one that has been adopted by other countries, would do a disservice to what Canada has achieved to date for the benefit of all

The federal government is now seeking to reform the *Canadian Environmental Protection Act* (CEPA, 1999), which industry supports in terms of the need for modernization of the Act. However, CPCA and industry more widely, has urged the Government to consider the potential for unintended consequences should those amendments go beyond the scope of the current Bill. Government and many industry sectors have committed to ensuring the safe use of chemicals in products. This will continue as efforts are underway to ensure new methodologies for improved chemical assessment are adopted as they continue to evolve. It is important that the best available science be always used in chemical assessment as it should be for many other government policies and programs. **If it is not data driven, what is then driving change?**

Gary LeRoux
President & CEO

WELCOME NEW MEMBERS



Briolf is a family-held corporate group with a history in the chemical sector dating back more than 50 years with a global market reach that is now supported by an extensive sales network in 120 countries. Briolf brings together the know-how and experience of six global

companies: **Roberlo, Montana Colors, Chemfix, Cromaresme, Dexia, and Impacar**. They operate in 9 business sectors with a clear emphasis on international growth and shared values specializing in the development, manufacture, and sale of paints and repair solutions for the auto refinishing and industrial sectors. The company offers innovative high-quality products that respond to market demands. It currently has several color systems and a line of complementary products for the entire vehicle refinishing process. It also provides personalized training, technical support, detailed customer service, and much more. Cutting-edge technology, close relationships with its customers, and excellent service are three of the characteristics that best define the philosophy of **Briolf. The Group** offers closer, more efficient service, and includes more than 30 companies7 production centres, and a highly professional team of +1000 employees worldwide.

Canadian Paint
and Coatings
Associationde l'industrie de la peinture
et du revêtement

Save the Date May 24 & 25, 2023

The Association's Annual Conference provides the latest information on the coatings industry in Canada featuring leaders from across North America, covering topics on regulations, coatings innovation, and sustainability.

Registration opens January 1, 2023. Visit canpaint.com for details

ADVOCACY REPORT



CPCA Advocacy Efforts Supporting a Stronger Canadian Coatings Industry

- CPCA Raises Serious Industry Concerns with MPs on Proposed CEPA Amendments in Bill S-5 Now Being Debated in the House of Commons
- Federal Environment Officials Launch Consultation on New Limits for Architectural VOC Regulations
- CPCA Comments on Proposed New Risk Management Actions for 2-butanone oxime (MEKO)
- Final Surface Coating Materials Regulations Amendment Coming into Force in December 2022
- CPCA Senior Coatings Leaders Invited to Attend Next WCC Coatings Summit
- World Coatings Council Welcomes New Member

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

CPCA Raises Serious Industry Concerns with MPs on Proposed CEPA Amendments in Bill S-5 Now Being Debated in the House of Commons

Earlier this month, CPCA sent a letter to a number of members of Parliament, raising concerns about what appears to be a politicization of the Parliamentary review of Bill S-5. CPCA pointed out that the Senate did not have enough time to effectively study the Bill for many of the 60+ amendments that followed. In fact, Senators on the Committee reviewing the Bill admitted that they did not have the ability or time to conduct a facts-based review of the Bill. CPCA emphasized that risk assessment takes time and patience and rushing risk-based scientific decisions via a hard and fast timeline, per a time clock, serves nobody's interests, especially not the environment or human health. *CPCA will continue to actively monitor the development of this Bill via the debates on the Bill in the House of Commons.*

Federal Environment Officials Launch Consultation on New Limits for Architectural VOC Regulations

On October 17, Environment and Climate Change Canada (ECCC) proceeded with the online publication of a 50-page consultation document proposing a new Architectural

VOC emission reduction approach in Canada. Comments are expected in early January. CPCA has submitted the document to all members selling Architectural products. CPCA is gathering feedback to further inform the federal Government's new policy approach prior to its publication in the *Canada Gazette Part I*. Federal officials proposed a Canada-specific approach, largely dominated by the adoption of California's CARB 2020 VOC limits.

CPCA Comments on Proposed New Risk Management Actions for MEKO

The proposed mandatory risk management actions on MEKO include new concentration limits that are effectively a ban of the substance as it will be rendered ineffective and lead to the discontinuation of many consumer product lines in Canada. Contrary to the original Code of Practice approach, the risk management approach even extended the restrictions to exterior products and to some adhesives and sealants products. CPCA will discuss this approach further with federal officials related to Risk Management measures.

Final Surface Coating Materials Regulations Coming into Force on December 19

Canada amended its SCMR to impose new requirements for applied coating materials and make changes to four other consumer regulations for the sake of consistency: Cribs, Cradles and Bassinets, Expansion Gates and Expandable Enclosures, Playpens, and Toys. New provisions include a broadened definition of a surface coating material to include powder coatings and other decorative coatings materials such as stickers or films, an expanded scope of 90 mg/kg total lead limit to all furniture coatings, clarified restrictions of lead, mercury, and certain harmful elements in coatings as only applicable to accessible parts, and additional changes to test methods/good laboratory practices.

Senior Coatings Leaders to Attend Next Coatings Summit in December 2022

The World Coatings Council (WCC) and Vincentz Network invite senior coatings leaders to **attend** this year's Coatings Summit, which is globally acknowledged as the pre-eminent forum for the industry. The next Summit is scheduled for December 5-7, 2022, in Miami. Be part of the most sophisticated and globally diverse circle of coatings leaders, and get insights on the corporate strategies of internationally successful coatings companies. Speakers include Michael McGarry, Chair and CEO of PPG; Uta Holzencamp, President of BASF Coatings; Michael Hansen, President of Hempel; Frank Sullivan, Chair and CEO of RPM; Miguel Mantas, CEO of Allnex and others. See further details on the program, sponsorship opportunities, and [registration here](#).

WCC Supports Launch of New Coatings Association

Ten leading paint manufacturers in the Middle East, including CPCA members Akzo Nobel, Axalta, and PPG, have agreed to launch the **Middle East Paints & Coatings Association** (MEPCA), with the backing and support from the WCC and Vincentz Network.

EUROPEAN

 **COATINGS**

The Coatings Summit 2022

5 - 7 DEC 2022 | MIAMI | USA

Senior coatings leaders will once again convene at the Coatings Summit: Globally acknowledged as the pre-eminent forum for the industry. Topics range from high-powered market insights and detailed analyses of coatings mega-trends to showcases of successful implementations of coatings strategies as well as outlines of growth drivers – uniquely valuable input.

[REGISTER](#)

CPCA IN THE NEWS



Industry Says Clauses in Canada's CEPA Reform Bill 'Unworkable'

Chemical Watch recently **interviewed CPCA President** who stated that the "pending legislation to reform the Canadian Environmental Protection Act (CEPA) would move the law "beyond the current risk-based approach for chemical assessment" and make the act "unworkable" and potentially subject to extensive litigation. The comments follow a joint statement from CPCA and other industry groups sent to the House of Commons Standing Committee (ENVI) outlining industry concerns over the Senate-approved CEPA reform Bill (S-5). CPCA also added that many of the provisions approved by the Senate in June would "create significant new administrative burdens and legal uncertainties for both government and industry".

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Plant a *Tree*. Grow *Clean Air*.

CPCA is a proud supporter of Tree Canada, providing annual donations on behalf of CPCA members, which contributes to reforestation efforts across Canada and helps reduce CO₂ in the air we all breathe.

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GREEN INITIATIVES



Did You Know?

Coatings have numerous applications for countless substrates on a wide range of manufactured products from automobiles to packaging to road markings. What's remarkable about the **environmental advances** in coatings is that they are **engineered for best-in-class performance** providing **protection and superior quality** to the countless finished goods we use every day. 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 **improves product stewardship and sustainability**.

AkzoNobel: How to Achieve Sustainability Using Ground-breaking Paint Innovations

"The paint and coatings industry is in a unique position to make a difference because we are as an industry a big user of raw materials but also a big supplier of products that people use everyday," said **CEO of AkzoNobel**, Thierry Vanlancker expresses his dedication to making a positive impact on industry, on society, and the planet. The industry plays a role in energy management of the substrates and sees itself more and more as a nimble solution provider rather than just a producer providing a coating layer.

BASF Offers Neopentyl Glycol and Propionic Acid with Product Carbon Footprint of Zero

BASF achieved **Carbon Neutral certification** from the Carbon Trust for cradle-to-gate carbon footprint for neopentyl glycol and propionic acid. They are "drop-in" solutions, identical in quality and properties to the standard products, without needing adjustments to customers' existing processes.

BYK Innovation Makes Applications Lightweight, More Stable, and Safer

BYK Additives launches a novel, specially developed additive that can be used in a wide variety of polyamides in the automotive industry. The optimized surface treatment and the unique morphology of the silicate provide improved dispersion into the thermoplastic matrix and affect the density of the compound, thus offering weight reduction.

Sherwin-Williams Launches NSF/ANSI/CAN 600-Compliant High Solids Epoxy Lining

The **new epoxy phenalkamide lining** meets the new NSF/ANSI/CAN 600: Health Effects Evaluation and Criteria in Drinking Water standard that will go into effect in January 2023.

Energiekontor and BASF Agree on Program to Increase Wind Turbines Efficiency

Energiekontor has teamed up with BASF's Coatings division to gradually equip its wind turbines with a special film making them more efficient. With its microscopic line structures and riblets, **BASF Novaflex BladeUp** ensures a noticeable increase in the yield of wind turbines and reduces the formation of unfavorable air turbulence.

decisions on allocating capital and allowing for better outcomes. Read here the [IISD report](#) on the latest trends in trade and sustainability.

MEMBER RECOGNITION



Dow Alberta Ranked Among the Best Workplaces™ in Manufacturing 2022

To be eligible, organizations must be [Great Place to Work- Certified™](#) in the past year and work primarily in the manufacturing industry. The BEST is determined based on employee responses to a [Trust Index Survey](#).

Sherwin-Williams Innovative non-BPA Epoxy Can Coating Technology Named a Silver Winner of the UK @GlobalGoodAward Product of the Year

This Sherwin-Williams (SW) award recognizes a product that has been designed to make a positive [sustainable, social and environmental](#) contribution to the planet and to communities. SW embarked on a 10-year R&D process, championing a Safety by Design methodology to ensure its non-BPA Epoxy Can coating was tested by toxicologists, independent laboratories, scientists, and NGOs.

Several CPCA Members Among Winners of the British Coatings Federation Awards 2022

BASF won the [Sustainable Innovation Manufacturer Award](#). The Progress Award was given to joint winners Steyport and **PPG Industrial Coatings**. The Overall Best Performer was awarded to **Farrow & Ball**. **AkzoNobel** won the Corporate Social Responsibility Award. **Sherwin-Williams** Consumer Brands Group was presented the Customer Service Award.

PPG Recognized for Employee Opportunities and Career Advancement

PPG is ranked [#44 among the largest 250 U.S. public companies](#) in the inaugural American Opportunity Index.

We want to know!

Your News Stories are Important - Help Us Share Your Successes.

Please share with CPCA appointments, awards, and special recognition in your company.

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Coming Soon! **INSIGHT**

INSIGHT will soon be available in print and online. If you wish to receive a print copy contact CPCA.



CANADIAN ECONOMY



General Conference Board of Canada Key Economic Insights, September 2022

- **Technical Recession Being Replaced with a More Holistic One:** There is now a 70 percent chance Canada enters a mild recession within the Next 12 months.
- **Pressures in the Supply Chain Update:** It decreased in August according to the Global Supply Chain Pressure Index (GSCPI)
- **Canadian Workforce Updates:** Average hourly wages grew by 5.2%. Manufacturing sector incurred significant job losses due to rising retirements. 230,000 permanent residents welcomed in the first half of 2022.

2022 Diversity Disclosure Practices Report in 366 Public Companies

One out of every four directors of a TSX-listed company is now a woman. **One out of every 10 directors** is a member of a visible minority, Indigenous, or with a disability.

Other Publications of Interest to Manufacturers

- **Bloomberg: Understanding the Role of ESG in Chemical M&A**
- **Make Insights Actionable with AI & BI**
- **Three-Quarter of Generation Z Workers Concerned about Mental Health**



Are You in Step With Regulatory Reform?

The Canadian Government wants to **build back better**. **Better regulations** that may impact your product line. Keep in step with the **evolving compliance requirements**.

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TECH INNOVATIONS



Eastern Michigan University's Coatings Research Institute Awarded U.S. Patent to Improve Metal Finishing Industry

The **hex-chrome free Organic-Inorganic Hybrid** (OIH) coatings showed comparable performance to those based on hex-chrome, a carcinogenic compound. This suggests many other innovative applications of OIH coatings.

Coatings Research at UBC and UofT Aims to Improve Aircraft De-icing

The smart, hybrid—passive and active—**de-icing system** works by combining an **interfacial coating** with an ice-detecting microwave sensor which enables heat to dislodge ice.

Engineers Solve the Non-recyclability Problem of Wind Turbines

Wind turbines are made of resin-coated fiberglass which is difficult to separate and recycle. Most decommissioned blades end up in landfills. Chemical engineers developed a new, recyclable **composite resin made of glass fibers** combined with plant-derived and synthetic polymers. This resin can be recycled into household items or dissolved to make a new blade.

Water repellent Nonstick Coatings Based on Silk Proteins

Modifying moth-spun silk material results in a natural, water-repellent product that may be more sustainable than other solutions such as Teflon. The material won't stick to water or anything containing it, making it useful for medical, automotive, and consumer applications.

Biomaterials Made of Seaweed Extracts Can Replace Conventional Grease-resistant Fossil-based Plastic Coatings in Fast-food Packaging

The **seaweed extracts** have a structure similar to natural fibers from paper. Novel treatments boost their grease resistance without affecting the biodegradability or recyclability of the coated paper.



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and **RESEARCH**
REPORTS



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