

# PRIME TIME NEWS

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“ Being the richest man in the cemetery doesn't matter to me. Going to bed at night saying we've done something wonderful... that's what matters to me. ”

Steve Jobs

## PRESIDENT'S MESSAGE



**September 2023**

CPCA members and non-members alike must ensure they have the necessary internal resources in place to attend government consultations and webinars during the implementation phase of the amendments to CEPA (1999) or now what is called *Strengthening Environmental Protection for a Healthier Canada Act*. The implementation phase of the new provisions will play out over the next two years ending in June 2025. There's a lot of work to do and some interpretations of what the new amendments intend. Clearly there will be lobbying to help the Government 'interpret' the meaning of amendments. It is critical for all in the CASE industry, in Canada and outside, to provide necessary insight on the proposed amendments to CPCA via a strong '**whole of industry**' approach to the amendments. CASE companies must be prepared for a more robust engagement with Government and stakeholders generally during that period for obvious reasons.

Members should especially watch for the following:

- Implementation framework development for the *Right to a Healthy Environment* clause and potential legal implications for industry
- Imposition of the risk assessment of vulnerable populations and cumulative effects

- for additional risk management of chemicals
- Consultation and finalization of the New Chemical Management Plan multi-year approach to chemical assessment and official launch
  - A more demanding Section 71 information gathering requirements & removal of DSL substances not in commerce in Canada
  - Ongoing management of CBI requests and a new disclosure requirement for masked names
  - New supply chain requirements related to Significant New Activity (SNAc) notices of substances with new uses in Canada
  - Publications of RA/RM decisions and related timelines in new CEPA Progress reports
  - Ongoing NGO demands for more substances to be assessed and increased pressure for further amendments to CEPA within the next 3-5 years

These and other amendments to CEPA (2023) will be considered over the next 2 years and a commitment to even more beyond 2025. Legislative change will never sleep again on chemicals management in Canada. Will the government officials keep up, will industry keep up? Will there be sufficient funding for Government to actually implement the new provisions per the tight timelines? Will 'industry' be constructively engaged in discussions on the new amendments? Will industry just stop manufacturing certain product lines in Canada or shipping to Canada with about 50% of all CASE products now imported from the United States? These are but a few of the questions, but they serious questions with few answers right now.

CPCA will be seeking individual member feedback following the release of all updated or new implementation policies and frameworks related to the Chemical Management Plan, especially new timelines. Of course the initial focus will be on the preliminary development of Risk Assessment decisions and Risk Management instruments whether they be regulations, codes of practice, pollution prevention plans, etc. or outright bans.

CPCA certainly hopes that the government will continue with the long-established consultation process leading up to the publication of a final draft assessment, then final publication of decisions and action plans. It is hoped there will be less politicization of the process seen prior to passage of the current amendments, but rather substantive debate based solely on the substantive data supporting the new provisions. Most importantly, industry must continue to demand that there is a fully informed risk-based approach, grounded in exposure assessments impacting human health and the environment. Anything less will lower the prospect of positive outcomes from this exercise.

Industry is also seeking much improved searching and tracking capability of the government's key priorities and actions on the implementation of new provisions under the Act. In this case, good data means good and clear regulations. Good and clear regulations means better industry compliance. It's that simple.

**Gary LeRoux**

President & CEO



Canadian Paint and Coatings Association

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

# ADVERTISE IN INSIGHT

CPCA is begining work on the next edition of INSIGHT! Advertising Opportunities are available.

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## 36<sup>th</sup> Biennial Western Coatings Societies Symposium and Show

October 15 - 18, 2023

Paris Hotel and Convention Centre

Las Vegas, Nevada



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The show includes a three-day technical program, a two-day tabletop exhibition, and opportunities for socializing and networking. Purchase a tabletop, Become a sponsor, or Register to attend at [www.westerncoatings.org](http://www.westerncoatings.org)

Be introduced to new concepts, strategies, innovations, knowledge, resources and so much more. Information can be found at [www.westerncoatings.org](http://www.westerncoatings.org).

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## Functional 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.

Share my story





## CPCA Advocacy Efforts Supporting a Stronger Canadian Coatings Industry

- CPCA Expresses Concerns to Health Canada Minister Regarding New US Requirement for Canadian Exporters to Obtain a Permit on Non-exempted Shipments of Six Class B Precursors
- CPCA to Participate in Information Session on the Right to a Healthy Environment
- CPCA Reminds Members to Share Their Views on Health Canada's Proposal to Require HHHOC Classification, Disclosure and Labelling in Consumer Products Prior to October 2, 2023
- World Coatings Council Submits Comments on EU's Proposal to Restrict PFAS
- CPCA to Share Orr & Boss Detailed Economic Forecast with Members

## CPCA Expresses Concerns to Health Canada Regarding New US Requirement for Canadian Exporters to Obtain a Permit on Non-exempted Shipments of Six Class B Precursors

On August 30, the Health Canada Chemical Precursors Section, Authorizations Division of the Office of Controlled Substance, published a special bulletin informing all registered dealers of raw materials, preparations and/or mixtures containing any of the six Class B precursors that a new pre-export permit would now be required by the United States joining a UN agreement. The Class B precursors include six substances commonly found in paint products. CPCA expressed concerns to Health Canada officials regarding the new permit requirement and long delays of 45 days in the permit issuing. CPCA recommended a complete exemption for paint, coatings, adhesives, and sealants products from this new requirement, as it is in the US. Health Canada officials later confirmed to CPCA that the new US Permit Requirement for Canadian exporters of products containing Class B Precursors was apparently an oversight and that nothing changes from what is being done currently with no further reporting or permit requirements.

*CPCA will ensure that all members receive the official communication from Health Canada and the US authorities*

## CPCA to Participate in Information Session on the Right to a Healthy Environment

The Government of Canada **recognizes that every individual in Canada has a Right To a Healthy Environment (RTHE) as provided under CEPA.** The CEPA amendments that were adopted in June 2023 include requirements for the Ministers of Environment and Climate Change and Health to consider available information regarding vulnerable populations and cumulative effects of substances when assessing risks posed by substances, and to conduct research, studies or monitoring activities to support the Government in protecting Canadians' right to a healthy environment. The RTHE will also support new thinking about how to manage risks so they address the disproportionate impacts of substances on certain populations. The government still has to clearly define the situations and criteria to be considered in addressing RTHE related to vulnerable environments, which is a new concept not contained in the previous iteration of the Act.

*CPCA will monitor the Environment and Climate Change Canada and Health Canada publication of the first draft of their implementation framework for the RTHE, which is anticipated for Winter 2024*

## CPCA Reminds Members to Share Their Views on Health Canada's Proposal to Require HHHOC Classification, Disclosure and Labelling in Consumer



*Canadian Consumer Products Safety Act, which will impose new classification criteria for Human Health Hazards of Concern (HHHOCs), information disclosure, and additional H&S protection requirements. Health Canada proposes to introduce the HHHOC requirements through classification criteria based on those set out in the GHS; information disclosure requirements based on GHS label elements; and additional protections, such as prohibitions, restrictions, or child-resistant container requirements, where deemed necessary. Health Canada will use the input received through this pre-consultation ending in early October to inform next steps, which may include a cost-benefit analysis and future consultations. Any future regulatory proposal would be published in the *Canada Gazette, Part I*.*

*CPCA is gathering individual comments from all CASE and allied products manufacturer members regarding the new HHHOC requirements and the three regulatory options laid out by Health Canada for formally introducing them: Amendment to the CCCR, 2001 or adoption of a new regulation under the Act or an alternative approach fully replacing the CCCR, 2001 with a risk-based GHS framework for classification and information disclosure, and mandating additional protections.*

### **World Coatings Council Submits Comments on EU's Proposal to Restrict PFAS**

The WCC (World Coatings Council), a consortium of national paint trade associations (including CPCA), coordinates policy and conduct advocacy on behalf of the global paint and coatings industry. The EU proposal to restrict the manufacture, placement of products on the market, and use of PFAS was published in the Annex XV report in March 2023 to trigger a stakeholder comment period that ended on September 25, 2023. The WCC supported the position provided by the German Paint Association (VdL). The ban on PFAS substances is overly broad, including critical raw materials that have no substitutes and are not toxic or hazardous to the environment under conventional criteria. Moreover, the ban is beyond the scope of standard procedures under Article 68 of REACH by banning substances that have not been shown to have an "unacceptable risk." And such a ban extends to fluoropolymers that are "polymers of low concern" under REACH.

*In its early comments on Environment and Climate Change Canada's State of Science Report on PFAS, CPCA also recommended excluding fluoropolymers from the current scope and pointed out that a recent OECD publication regarding PFAS in paints and coatings noted that PFAS replacements do not perform at the same level as coatings containing fluoropolymers and thus could have unintended, negative consequences worse than PFAS.*

### **CPCA to Share Orr & Boss Detailed Economic Forecast with Members Next Month**

CPCA will provide its members with a detailed updated paint and coatings industry forecast for Canada, the US, North America and other regions of the globe like Europe during a period covering 5 years (2023 to 2027). Canadian decorative coatings sales trends in values are expected to rise by 6 percent while the litreage sales trends will drop by -3%. Other coatings sectors in Canada are expected to experience negative litreage sales trends in the order of 1-7 percent such as the wood, coil, rigid can packaging, and general industrial sectors. In 2024, total paint and coatings value sales next year are expected to rise by 2.8% in Canada. Meanwhile, the volume of sales will also increase.

## CPCA IN THE NEWS



### **CPCA President and CEO to Participate in 2023 WCS Leadership Panel**

*The Western Coatings Show* will be held on October 16, 2023 in Las Vegas, Nevada. Gary LeRoux, President and CEO of Canadian Paint and Coatings Association was invited to



Canadian Paint  
and Coatings  
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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 CO<sub>2</sub> in the air we all breathe.*

Plant a Tree



TreeCanada  
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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**.*

### **BASF Launches “MyCarbonFootprint” Dashboard for Sustainable Procurement & Partners with Nanotech Energy to Enable Production of Low Footprint Lithium-ion Batteries**

**BASF's new digital application** helps customers gain a better overview of the sustainability status of the product portfolio they purchase from BASF and identify the best solutions to reach their sustainability targets. **BASF partners with Nanotech Energy**, a leader in graphene-based energy storage products, to reduce by about 25 percent the CO<sub>2</sub> footprint of Nanotech's lithium-ion batteries for the North American market.

### **Axalta Partners with Xaar to Introduce Next Generation, Sustainable Digital Paint Technology**

labour, energy and waste while increasing productivity and efficiency rates. It reduces CO2 emissions by 30% and provides cost savings.

## Cloverdale Paint Expands Operations in B.C. to Optimize Paint Production and Distribution

**Cloverdale Paint**, North America's largest Privately-Owned paint and coatings manufacturer with operations in eight city locations across Canada and the US Pacific Northwest, recently upgraded its Surrey headquarters manufacturing plant and established a new 60,000 square foot distribution facility and warehouse in North Surrey. The Surrey plant has expanded its manufacturing capabilities by investing in automated, high speed paint processing, which more than doubles its decorative paint production capability and reduces the production time required thus ensuring higher service levels and reduced inventory requirements.

## PPG Introduces Digital Tools for the Refinish Industry

The new **PPG LINQ Color software** and the PPG MAGICBOX body shop assistant for smarter wireless mixing are the latest components of the PPG LINQ Ecosystem end-to-end digital solution for the global refinish industry. The latter provides productivity and sustainability improvement for body shops. These innovative tools aim to revolutionize the mixing and color selection process on AR repairs.

# MEMBER RECOGNITION



## PPG Opens Experience Center to Mark 140th Anniversary

The new customer and employee experience center is located at **PPG's global headquarters in Pittsburgh**. This year, modernization projects are also planned in the following facilities: Amsterdam; Rueil-Malmaison, France; Prague; and Mexico City; as well as an expansion of the Zhangjiagang plant and the opening of a Battery Pack Application Center in Tianjin, China.

## Graphite Innovation & Technologies (GIT) Welcomes Global Coatings Executive, Kent Young to Its Board of Directors

Former Senior Director of Technology for the **Global Supply Chain R&D at Sherwin Williams**, Young joins GIT as a member on its Board of Directors. He will provide strategic guidance and expertise across a range of areas as GIT scales-up its business into a global, world class coating company.

## Barentz Appoints New CEO

Barentz announced the appointment of **Peter Boone as Chief Executive Officer**, starting on October 1, 2023. He will succeed Hidde van der Wal who retires.

## 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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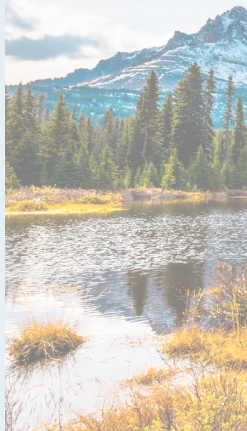




lower until 2024. Please see the trends in all key indicators (IPP, industrial production, etc.).

### Canadian Government Announces "First Set" of Competition Act Reforms

The **Competition Bureau** will be given formal powers to compel market participants to produce information and records in response to its "market studies" even when no grounds for remedial action are identified. More "comprehensive legislative reforms" will follow this "first set" of changes in the coming months.



## 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**.

**Login or Visit [canpaint.com](http://canpaint.com) to Become a Member!**

## TECH INNOVATIONS



### Combining Particle Analysis with Elemental Mapping

Particle analysis and elemental mapping are formidable techniques that have revolutionized the **domains of materials science, nanotechnology, and forensic research**. They have provided valuable insights into novel materials.

### Ultra-tough and Exceptionally Stretchable Coating Inspired by Spider Silk

The new bioinspired coating uses hydrogen bonding motifs and rigid alicyclic groups with attached bio-based polyurethanes to create a **biomimetic elastomer** that possesses exceptional toughness and tensile strength, the elongation at break point is 2600 %, and self-healing, environmental adaptability, and recyclability.

### Development in Nano and Thin Film Coatings

- **Silicon-Based Coating Slows Spread of Fire**

A silene material can be applied to surfaces like wood to create a barrier between combustible molecules and flame. Called "**inverse thermal degradation**", this technique employs a nanoscale thin film to change the **material response to fire** and regulate the amount of oxygen.

- **Researchers Develop Mussel-inspired Nanocoating to Recover Rare Earth Elements**

A **new mussel-inspired nanocellulose coating** has demonstrated a remarkable and surprising ability to recover Rare earth elements from secondary sources without

- **Cellulose Coatings Mitigate Surface Transmission of Pathogens**

A thin cellulose film can inactivate the **SARS-CoV-2 virus within minutes**, inhibit the growth of bacteria including E.coli, and mitigate contact transfer of pathogens. The invisible coating is suitable for high-traffic objects such as door handles and handrails.

- **Development UV-curable Epoxy Acrylate Composite Coatings with High Performance**

The photo-curing coatings confer high flexibility, super-hydrophobicity, wear-resistance and self-healing properties by the introduction of dynamic disulfide bond and dangling chain into the resin for self-healing and a silane coupling agent to modify the nano-SiO<sub>2</sub> particles to **enhance abrasive resistance**.

### **Clever Coating Turns Lampshades into Indoor Air Purifiers**

**New catalyst-coated** lampshades synthesized with thermocatalysts made of TiO<sub>2</sub> and a small amount of platinum are designed to transform indoor air pollutants into harmless compounds, such as acetaldehyde and formaldehyde.

### **Green Coatings Materials for Leather**

Researchers synthesized a **solvent-free, antibacterial agent**, and aromatic monomer called methacrylated vanillin which not only imparts antibacterial properties but also serves as an eco-friendly alternative to styrene. Extend the link to incorporate 'and aromatic monomer', which is the definition of methacrylated vanilin.

### **CoatingsTech Conference Best Paper: Novel Versatile Oligomer for Thermally, UV-, and Ambient-Curable Organic-Inorganic Hybrid Coatings**

The **organic-inorganic hybrid system** is one of the major products developed recently, especially for UV-curable coatings.

### **Food Waste Converted into Biodegradable Plastic & Upcycled Plastic Turned into Soap**

Scientists converted food waste into **biodegradable plastic** using bacteria to prevent 60 million plastic water bottles from going into landfills and incinerators every day and could then **upcycle plastic into soap**.



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