



PRESIDENT'S MESSAGE

The recent amendments to Bill S-5 passed in the Senate on June 22 sought to 'modernize' CEPA no matter the cost to a world-class chemical management system, adopted in some measure by several other countries around the world. As noted previously it was rushed through the Senate, where Bills are not normally tabled for review until recently. The goal was and is still to get the amendments passed by December 2022. It will first have to clear the House of Commons in the Fall. Yet, the Senate and the House of Commons will soon shut down for summer recess before the end of June and resume just before the beginning of October. Then the Christmas recess begins the first week of December. Therefore, Bill S-5 will be racing through the House of Commons as well and then back to the Senate for Royal Assent in record time again, just two months! Is this the way to change complex legislation such as CEPA as it relates to chemicals management in Canada? Is Government not concerned about creating unnecessary upheaval and potentially unintended consequences negatively impacting Canadians from such a rush to change complex legislation that has been in place for more than 20 years?

The answer to the questions above were accurately summed up by Senator Don Plett, Leader of the Opposition, when he said: "Rushing a bill through the Senate has been a rather common event in this place, honourable senators. As the famous saying goes, the first time it happens, it's an accident; the second time is a coincidence; the third time is a pattern. I've lost count as to how many times this has happened with this NDP-Liberal government."

This sentiment was echoed by Senator Mary Jane McCallum, who expressed her concerns on being rushed to amend the Bill: "We're supposed to do this with sober second thought, and I really don't appreciate how we have been rushed through this Bill." Among others, Senator Judith Seidman expressed the same frustration: "We are rushing through this like crazy, and we are receiving amendments that we have never really discussed at committee. We have never really heard proper witness testimony about this. We have never had time to really properly study it." Senator Plett went on to note that there were more than 65 amendments proposed to the Bill and some of them "proposed on the fly." The Senate Committee had only 13 meetings on amendments to the Bill!

In response to this 'rush to justice' Senator Plett commented: "I don't think it is unfair to say that the concerns of the industry with this Bill — and they had very few concerns with it in its

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early in the committee nearings. Given more time, pernaps more industry withesses could have testified." Furthermore, many of the Senate Committee amendments are likely to "also be outside the legislative scope of the Bill."

Environment Minister Guilbeault's comments during his testimony before the Senate Committee on the Bill specifically praised CEPA as a world leading program for the management of chemical substances: "I am looking forward to hearing from Canadians as we develop the plan of chemicals management priorities and continuing the work on what has been recognized as a world-class chemical management program."

It is now up to the House of Commons to dial back the Senate amendments on Canada's worldclass, 'risk-based' chemicals management approach, following a specific and highly orchestrated political agenda, with 65 amendments in just 13 meetings. Maybe elected representatives in Parliament will be more concerned about any potential unintended consequences on Canadians, their constituents.



For industry insights, articles, and updates on current issues follow or connect with me on LinkedIn!



Gary LeRoux, President & CEO, CPCA



CPCA's Annual Conference & AGM was held in Quebec City on May 25 and 26th at the historic Chateau Frontenac hotel. Being the first in-person meeting since 2019, there was a ton of excitement among the Canadian coatings community to see old friends, make new connections, and learn about the state of the industry in 2022. An excellent collection of invited speakers provided illuminating presentations on a number of topics including the economic outlook for the industry post-pandemic, regulatory matters of concern on post-consumer paint recycling and biocides, and digital transformation for business. The CPCA President's Message in last month's Prime Time News included an extensive report on the Conference. Award-winning author and economist Dan Breznitz was this year's keynote speaker who delivered critical insights on Canada's current challenges and areas for growth in the broad area of innovation.

Following the business sessions, CPCA recognized 12+ individuals for their contribution to the coatings industry over the years, including CPCA's very own Micheline Foucher, retiring after an incredible 47-year career with the association! The Roy Kennedy Award went to Terry Sutherland

(Peinture Micca). Distinction awards went to Eric Bos (Sansin); Snaron Keily, (Kelcoatings); Pierre Chapdelaine (Peinture MF); Michele Stauffer (BASF); and Dan Goldberg (Chromaflo). All were recognized for their long-term contributions to the Association. CPCA also recognized several 2020 — 2021 milestone anniversaries of member companies including; **Debro**, **Rust-Oleum**, and **Tnemec** who recently celebrated 100 years in business; **Société Laurentide** for their 70th year in business; and **Clariant** for 25 years in business.























Last, but certainly not least, CPCA extended a warm thank you to its past Chair, **Richard Tremblay (Laurentide**), formerly of Benjamin Moore, with the Chair's Recognition Award in thanks for his service and support of CPCA over many years. The conference was a great success, thank you to all attendees for their participation as well as to all our sponsors (Azelis, BeautiTone, Benjamin Moore, CanLak Coatings, Chromaflo, Cloverdale, Emco-Inortech, Goudey, PPG, ProductCare, and Vinavil) and to all members and non-members who attended this event and contributed to making it a tremendous success. We can't wait to see everyone back again at the



































On behalf of the CPCA Team we thank all those who participated in the conference and we look forward to welcoming you to the **109th Annual Conference & AGM!** If you or a member of your team would like a photo from our conference please contact CPCA.



ADVOCACY REPORT

CPCA Advocacy Efforts Supporting a Stronger Canadian Coatings Industry

- Industry to Challenge Several Amendments to Bill S-5 Passed by the Senate of Canada During Fall Hearings in the House of Commons
- CPCA Shares Government Information with Members on the Fourth Phase of the CMP
- Government Formally Proposes Prohibition of Certain Toxic Substances Regulations, 2022

Members Reminded of The Global Strategy and Networking Forum for Sehio
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Urr & Boss Snares industry Trends for the Canadian Coatings Market

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

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Industry Challenged Several Amendments to Bill S-5 Passed by the Senate Committee

On June 16, the Senate ENEV Committee finalized its amendments to CEPA contained in Bill S-5 after its clause-by-clause review of the bill. Several Senators expressed their frustration about the short timeline and complexity of the matters they were expeditiously asked to address. Industry groups carefully followed the ENEV discussions and some, including CPCA, gave testimony before the Committee since a number of the proposed changes went way beyond the current risk-based approach for chemical assessment in the Act. Industry representatives called into question some specific changes made by the Senate Committee, such as imposing a fixed schedule for all assessments and Pollution Prevention Plans applicable to all toxic substances. Following its third reading in the Senate, Bill S-5 will go to the House of Commons for consideration and then return to the Senate for Royal Assent. Industry hopes that the House will reverse many of the changes that were made to the Bill.

CPCA Shares Government's Information on Next Phase of CMP with Members

The CMP was renewed under the existing framework for 3 years in Spring 2021. The program is expected to continue operating in a similar way as before, until the expected changes following the publication of future amendments to CEPA by the House of Commons, now expected for the end of 2022. Major initiatives underway include the PFAS class of compounds, supply chain transparency and labelling, and initiatives on plastic pollution.

Government Formally Proposes Amendments to the *Prohibition of Certain Toxic Substances Regulations*, 2022 in the *Canada Gazette Part I*

The proposed Amendments would further restrict the manufacture, use, sale and import of three groups of oil and water repellents (PFOS, PFOA, LC-PFCA), plus hexabromocyclododecane (HBCD) and PBDEs, along with the addition to the list of two flame retardants, Dechlorane Plus (DP) and decabromodiphenyl ethane (DBDPE), and any products containing them (with a limited number of exemptions). Due to the persistence and widespread occurrence of these two substances in the environment, there is the potential for bioaccumulation of DP and of the transformation products of DBDPE in wildlife, such as whales and seals. DBDPE and DP are currently marketed as an alternative or replacement for PDBEs. DBDPE could be found in some adhesives and sealants products, for which some use restrictions already apply. DP can also be used in some electronics and plastic roofing materials.

Don't Miss *The Global Strategy and Networking Forum* for Senior Coatings Executives in December

Join the world's most important event for coatings executives in Miami, Florida from December 5 to 7, 2022, the largest gathering of senior global coatings leaders! Hear from CEO of Axalta Coating Systems, Robert Bryant; the head of BASF's Coatings Division, Uta Holzenkamp; Chair and CEO of PPG Industries, Michael McGarry; Co-CEO of Allnex, Miguel Mantas; CEO of Hempel Group, Lars Petersson; President and CEO of Diamond Vogel, Jeffrey Powell: CEO of Beckers, Christophe Sabas; head of Monopol Coatings, Lionel Schlessinger; head of CIN in Portugal, Joao Serrenho; Chair and CEO of RPM, Frank Sullivan; and Executive Officer and Co-President, Nippon Paint, Yuichiro Wakatsuki.

Leading Women's Forum 2022

The EU Leading Women's Forum is THE business meeting point for top female managers in the global paint and coatings industry. Attendance is by invitation only and limited to the top 50 women. This year's conference will be taking place in Ireland from 5-7 September 2022. A visit to General Paints is part of the program.

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The 2021 Canadian paint & coatings market was estimated to be \$3.7 billion and 476 million liters. The overall market was relatively stable in 2021 in terms of volume while showing a 10% increase in value. This year, the industry expects another year of stable volume and growth in excess of 10% in value. The biggest issues facing the industry in 2021 is raw material supply availability. Although it is believed the supply and availability of raw materials will gradually improve going forward, it will take time and we expect 2022 and the first part of 2023 to be challenging.

Canadian Paint & Coatings Market

The Canadian paint & coatings market from 2019 to 2022. Over that time period, volume has remained flat while value increased from \$3.446 billion to \$4.190 billion. Architectural coatings experienced nice volume growth while auto OEM, auto refinish, and a few other segments showed declines. In 2022, we expect modest volume growth of under 1% and value growth of 14%. It should be noted the update provides sales of paint & coatings products in Canada; not production. According to Industry Canada, the net imports of paint & coatings were about 40% of the total shipments in 2019. Assuming that the 40% value still holds up for 2021, this would mean that production of paint & coatings in Canada is about \$2.2 billion.

The largest drivers of the Canadian paint & coatings market are GDP, building & construction, automotive builds, and industrial production. After showing a decline in 2020, the Canadian economy came back strong in 2021. The expectation is that this year will also be a good year with GDP growth just under 4%.

Note to CPCA Members: For full details of all industry segments, members can contact CPCA for the full update report.

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



Not a CPCA Member? Join CPCA Today!



CPCA IN THE NEWS

PCI Mag Publishes *Questions Surrounding CEPA*, by Gary LeRoux, CPCA President

Canada is currently in the process of amending the *Canadian Environmental Protection Act* (CEPA). Gary LeRoux, CPCA President, explains and answers questions about the federal Act regulating all 'chemicals of concern' in commerce in the country. As currently suggested in the proposed amendments, imposing strict timelines for risk management actions for toxic chemicals of concern will not work. First and foremost, there are many valid reasons for this, and primary among them is the lack of available scientific data to support appropriate risk-management actions such as bans and regulations. Much of that substantive data is supplied by industry under mandatory data gathering requirements. Regulatory measures hastily imposed according to a fixed schedule have the potential of disrupting commercial activities without substantiated evidence. And, moreover, may not have any beneficial effect to human health or the environment, without substantiated or ambivalent data showing that it does. If that is indeed the case, one could argue it is an infringement of fundamental rights and environmental justice for companies, who could incur damages from such actions including the loss of production, revenue, jobs and other unintended consequences. While we all want safe chemicals in products, consumers also want products that work and contribute to their quality of life.







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 ensures improve product stewardship and sustainability.

Société Laurentide: Innovates by Designing the Only Anti-corrosion Paint Product Made from Recycled Materials

Boomerang paint for metal is the result of sustained efforts by Société Laurentide's R&D team. This new product is an eco-responsible anticorrosion paint for metal. Laurentide sincerely congratulates all those who worked on this project and provides further details here.

MG Chemicals: Helps Fabrication of Electric Cars for Global Formula Racing Using Flame Retardant Automotive Epoxy

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powertrain from the driver. The new MG Chemicals Tireproof adhesive must not only be flame retardant but also have exceptional adhesion over a wide variety of substrates and a high modulus to limit the movement of bonded parts from shocks and impacts.

Vinavil: How Multifunctional Nanopolymer Emulsions Enhance Performance of Water-based Wood Coatings

Vinavil's Crilat emulsions allow the formulated stain or topcoat to penetrate deeper in the wood substrate upon application and, once dry, provide enhanced protection and longevity to the wood. Case studies on both interior and exterior paint formulations will be presented on July 12.

PPG Paints: Steadfast Commitment to Sustainability Journey Guided by We Protect and Beautify the World

More than 50,000 employees globally helped to deliver on PPG's progress, including the following achievements:

- 38% of sales from sustainably advantaged products, totaling approximately \$6.3 billion;
- 37.5% reduction in waste disposal intensity from a 2017 baseline;
- 40% of locations achieving zero waste-to-landfill status;
- 90% of locations with 50 or more employees with a wellness program;
- \$8.7 million invested in COLORFUL COMMUNITIES® since 2016; and
- \$7.4 million invested to advance racial equity.

Sansin: Mass Timber and Sansin Greet Thousands in Transit

The Smart VMC Bus Terminal in Vaughan, Ontario, features a sustainable, innovative design that uses wood. Phase one of the largest redevelopment project in North America, the terminal connects the subway station with the suburban bus transport. All of the structure's exposed glulam beams and CLT are protected with Sansin's environmentally friendly wood protection – one coat of KP-12W followed by two coats of Sansin ENS – adding to the project's sustainable profile. Other eco features include a "cool roof".

Clariant: Raw Material Emissions a Focus for Clariant

Clariant is targeting a 14 percent reduction in Scope 3 emissions by 2030 and one way it will achieve that goal is by focusing on the carbon emissions of its raw materials. For example, Clariant is using recycled copper instead of virgin copper for some of their catalysts.

AkzoNobel: Launches Mosquito-repellent Coating to Help Combat Disease

A powerful mosquito-repellent coating developed by AkzoNobel's Coral brand, known as Wellbeing Protection Anti-Mosquito, is a colorless matt varnish containing an active ingredient called permethrin. Its repellent action is specifically designed to combat the Aedes aegypti mosquito, which was largely responsible for surging dengue cases in Brazil this year.

ALTANA-BYK: Commits to Be Climate-neutral by 2025

Shortly after the UN Climate Change Conference (COP 25) in Madrid, ALTANA set itself an ambitious climate protection target: By 2025, they will reduce CO2 impact from production and energy procurement to zero worldwide.

DOW: Along with Others Join Hands in Organizing "Design for Circularity" Art & Design Competition

Dow and three other companies will organize the first "Design for Circularity" Art & Design Competition in China. This competition calls for creative ideas to accelerate the development of a circular economy for plastics in China.

Univar Solutions: Focuses on Accelerating Growth for Customers with "Destination: Innovation" Online Hub

Univar recently launched its Online hub highlighting the people, technology and ingredient innovation found in its network of global Solution Centers made up of technical laboratories and

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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

Quadra: Proud to be Part of Canada's Best Managed Companies for the 19th Consecutive Year

Quadra has been chosen as one of the Best Managed Companies for the nineteenth consecutive year. Quadra was first recognized as one of Canada's Best Managed in 2003 and achieved Platinum Club status in 2009. Quadra is very proud of this designation and sincerely thank its customers, suppliers and employees who are key to their success.

PPG Paints: Plants Recognized for Sustainability Efforts

The Ohio Chemistry Technology Council honoured five PPG plants for their sustainability, health and safety programs, including a novel process at a Cleveland facility that is responsible for recycling more than 190,000 gallons of paint. "We've surpassed our 2025 sustainability goal to achieve a 25 percent decline in waste disposal intensity versus the 2017 baseline - we achieved a 37.5 percent reduction in 2021," said Mike Corcoran from PPG.

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**

Canadian Real GDP Grew by 0.8 Percent in First Quarter, 2022

Real gross domestic product (GDP) grew 0.8 percent in Q1 2022, a third consecutive quarterly increase, mainly on the strength of increased business investment and household consumption. Compared with the previous two quarters, growth slowed due to a drop in international exports volumes.

Canadian Manufacturing Sales Rose by 1.7 Per Cent (m/m) and 24.1 Per Cent (y/y) in April

After accounting for price effects, manufacturing sales volumes rose by 0.9 percent (m/m) and 8.4 percent (y/y). Nominal sales grew in 15 of the 21 manufacturing subsectors. Sales of transportation equipment and petroleum and coal products contributed the most to total nominal growth. Meanwhile, sales of wood products saw the sharpest nominal decline.

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supported a growth in the Canadian economy at an annualized rate of 3.1 percent and was still on solid footing with strong domestic demand supported by a strong labour market. Household spending rose at an annualized rate of 3.4 percent in Q1 2022. However, in May, after dropping 11.7 points, the Index of Consumer Confidence fell to 79.4 (2014 = 100) in June, the lowest level in 18+ months. Many households feel inflation's squeeze. With low confidence and the economy running hot, the Bank of Canada made a second 50-basis-point interest rate increase on June 1. Another aggressive rate hike is announced for July 13 to control inflation reaching levels not seen in decades. The interest rates could rise to 2.5 percent this fall. With high inflation and interest rates, the housing market will slow down.

Significant Amendments Proposed to The Competition Act

These amendments would enhance the Bureau's investigative powers, criminalize wage-fixing and no-poach agreements, increase maximum fines and administrative monetary penalties, and would clarify that incomplete price disclosure is a false or misleading representation. The Bureau will revisit competition as part of the solution to high inflation as a reinforced competition is necessary to deter business conduct that makes inflation worse. The Bureau is also broadening its thinking on the interplay between competition policy, the environment, and efforts to address climate change. On September 20, the Bureau is hosting the Competition and Green Growth Summit.

SCC and NIST Team up to Strengthen Canada-US Collaboration on Standardization

The Standards Council of Canada and the U.S. National Institute of Standards and Technology (NIST) entered into a MOU to collaborate in areas of standards, conformity assessment and accreditation.

Conference Board of Canada: Unemployment Rate to Remain Near Record Lows & Launch of The Future Skills Centre Podcast

Canada is facing wide-reaching demographic and technological changes that pose increasingly significant work challenges. With an aging population, the number of retirees exiting the workforce will exceed new workers entering it and current labour shortages might only get worse. The Future Skills Center will explore these emerging challenges in a series of podcasts and discuss solutions.

Phishing on the Rise in Manufacturing Sector

The manufacturing industry faced a 33 percent increase of cybersecurity incidents in the first quarter, according to Kroll, a U.S. provider of technology and insights related to risk and governance. Noticeably, 68 percent of the incidents are being ransomware.

Survey Results: Skills Shortage Blocking Digitization

A shortage of skilled personnel is the main obstacle to supply chain digitization, according to a new study by the Council of Supply Chain Management Professionals and ToolsGroup.

51 Percent of Supplier Leaders Would Sacrifice Profit to Get Sustainability

Recent findings of a survey of 500 chief supply chain officers across 10 industries clearly show that organizations are searching for ways to modernize supply chains by embracing data and hybrid cloud strategies as well as prioritizing sustainability.

EMC Provides Certification Programs and WillWorks Program

Excellence in Manufacturing Consortium's (EMC)'s Manufacturing Essentials Certification programs are designed to help manufacturers increase their workforce productivity and become more competitive in a global marketplace. The EMC's WillWorks program connects the next generation to advanced manufacturing and is now accepting student applications for the Fall 2022 terms. Eligible work placements must be a requirement as part of the student's study plan. They include co-operative internships, field placements and applied research.

Members are encouraged to access the Report on the Canada CoatingsHUB.

Read the Monthly Report





TECH INNOVATIONS

Tannin-based Inhibitive Pigment for Sustainable Epoxy Coatings

Calcium tannate was synthesized, characterized, and dispersed into an epoxy coating as an inhibitive pigment.

Polyurethane Films as Antibacterial and Protective Coatings

A new study describes the fabrication of CNTs/TiO2/polyurethane films for the protection of steel surfaces.

New Lubricant Coatings for Energy-efficient Conveyor Systems

A R&D team received a \$550,000 grant from the US National Science Foundation to develop low-friction, durable, graphite-lubricant coatings for industrial conveyor systems.

New Environmentally Sustainable Commercial Adhesive Optioned to gluECO Adhesives

Developed by Purdue University researchers, a patent-pending recyclable, compostable and biodegradable adhesive based on zein, a protein in corn, has been optioned to Massachusetts-based gluECO Adhesive LLC, which plans an initial line of products at the end of 2022. Zein forms the basis of the nontoxic adhesive.

Pittsburgh Robotics Company Brings Painting to Life

The Finishbot Autonomous Coating System works by using artificial intelligence models to produce high-resolution 3D surface representations and can automate the application of coatings for commercial buildings.

A Sunlight-driven "Self-healing" Anti-corrosion Coating

Compared with inorganic coatings such as enamel and ceramics, organic coatings are more likely to form denser cover on the metal surface, with good corrosion resistance. But microcracks are easily formed on the surface of organic coating under different natural application conditions, allowing water and other corrosive media to penetrate. A research team has prepared an epoxybased coating with Fe3O4 nanoparticles and tetradecanol which exhibited self-healing ability under solar irradiation that could protect the underlying carbon steel substrate from erosion.

Published Review of Bio-inspired Coatings for Corrosion Protection

This publication reviews bioinspired organic/inorganic superhydrophobic and slippery coatings for the corrosion protection of metal substrates.

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INTERNATIONAL **NEWS**

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.





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