

PRIME TIME NEWS



Industry News that Matters

“If the rate of change on the outside
is greater than that on the inside,
then the end is near. ”

– Jack Welch, Former CEO of General Electric

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CPCA WEBINAR 
SERIES

VOC Regulatory Compliance Update for Third VOC Regulation and ECCC Microplastics Survey Project
Presented by: Mary Ellen Perkins, Manager, Consumer and Cleaning Products, Environment and Climate Change Canada

Product Stewardship in Ontario: Transition to the New Waste Free Ontario Act in 2020
Presented by: Mark Karchner and Pat Choquet, Product Care Canada

Chemicals Management Plan: Post 2020?
Presented by: [Name not visible], [Title not visible]

CPCA WEBINAR 
SERIES

Register TODAY to any one of our upcoming webinars!



ENHANCING COMPLIANCE & MITIGATING RISK

The Canada CoatingsHUB providing member companies with issue specific-resources, relevant industry news, and the data needed to support issue management and regulatory compliance. All resources are managed by type and searchable by keyword. CPCA's Compliance Calendar alerts members to important compliance dates and deadlines. If you manufacture, import or sell coatings ingredients or finished products in Canada the HUB is critical for your business to enhance compliance and mitigate risk.



Access CPCA's
Compliance Calendar



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Alerts & Subscriptions



Secure &
Reliable Data



Critical Chemicals
Management Information



Build Brand
Trust & Loyalty



PRESIDENT'S MESSAGE

The recent biannual Coatings Summit was, as always, very illuminating. This event features only the CEOs of major coatings companies, both multinational and national. They address issues and trends on their corporate agenda and when they speak to those issues they are coming from a strategic place where the C-suite dwells. They are not the usual 'talking heads' at such events but leaders of large companies who must appeal to a higher power, yes, the shareholder. In order to do that they must look in their crystal ball, call upon the experts, as necessary, to inform or confirm strategic decisions for their respective companies. What we heard was truly inspiring, but one also knows their whole story is not on display. As mentioned, it is indeed strategic observations they provide, but there are competitors in the room. Nevertheless, many key points were made in terms of a company staying competitive in the 21st century.



One of the items on that list is the need for coatings companies to be environmentally-friendly, and have sustainable processes and products. A major part of that effort relates to the changing demographics we have all discussed at the dinner table but rarely consult the numbers to support our discourse. For example, one must realize that millennials are here to stay, in great numbers. No longer are the boomers the major buying power they once were, primarily because they have done most of their spending, while millennials are just getting warmed up.

How so? Total global millennial income doubled from 2013 (\$8 Trillion) to 2020 (\$27.8 Trillion), which is quite a jump. They happen to have very different views of purchasing and investing than the boomers had, as follows:

- 84% of millennials are open to the idea of 'sustainable' investing

that seek to have positive environmental or social impacts.

- All millennials are looking for investments that make a difference
- Over the next 10 years, millennials will frame the decisions that drive markets across all industry sectors

These variables are among the driving forces shaping strategic decisions in corporate boardrooms of major coatings companies along the value chain.

Coatings companies are looking to other industries for successful examples on how they address demographic challenges. One example pointed to was the clothing store Zara, which is a very different, but successful model. It changes their entire inventory every 3-4 months, remains very close to the customer and their preferences, introduce new products every three weeks, and have a strong online social media presence. They look for different value propositions, which can only be learned by staying very close to the customer. Millennials like this approach and they return more often to the store rather than search for products online.

A major multinational raw material supplier for the coatings industry as well as other chemical sectors provides another clear example of embracing change and being disruptive. It has accelerated innovation cycles greatly in terms of innovative ideas for product formulations. They have vastly increased the number of innovation experiences with respect to “trial and error” runs related to formulations by increasing such incidents from 20,000 to 2 million per year. This has produced significantly shortened lead times for new products going to market with that number increasing from 500 to 5,000 per year!

Another item on the corporate agenda is emerging markets. They provide significant growth opportunities for multinational coatings companies in terms of paint consumption per capita, which is impacted by age and disposable income per capita. The trend of growing income per capita continues in developing countries, making it more attractive for companies to invest and for the growth shareholders want. It is also interesting to note that those same emerging markets, including China, are also now looking for more sustainable products. Given the growth potential, multinational companies need strategies for each market and it is clear from the Summit that they indeed have those in place.

Gary LeRoux

President & CEO

**Register
TODAY** | May 22nd &
23rd, 2019



Canadian Paint and Coatings Association
106th Annual Conference and AGM

Canada's Coatings Industry:
Vision 20-20 Beyond 2020

Sutton Place Hotel Vancouver, British Columbia



CPCA REPORT

CPCA Annual INSIGHT: Guide & Directory

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

CPCA Members Continue to Activate Their Account on the New Canada CoatingsHUB

The new CPCA CoatingsHUB was launched at the end of December 2018. Since then CPCA has encouraged all members on various committees to activate their account and take advantage of the HUB for an improved information experience and timely regulatory notifications. Additionally, members will benefit from existing member-only publications, Regulatory RADAR and Business Management and Marketing Alert both comprehensive "need-to-know" publications to capture in one publication all new resources posted monthly on CPCA's CoatingsHUB thereby ensuring nothing is missed by our members.

World Coatings Council

At the recent International Paint and Printing Ink Council (IPPIC) meeting, a new name was announced for the 25-year old organization. It will henceforth be known as the **World Coatings Council (WCC)**, the *Voice for the Global Coatings Industry*. The WCC currently represents four paint associations in the Americas (including CPCA); four associations in the EU with one of those (CEPE) representing 28 EU States; and six associations in the Africa/Asia/Pacific/Australia, one of which is the Asian Paint Industry Council (APIC) representing all Asian countries for paint and coatings, including Australia. The WCC represents all members in addressing and monitoring key international issues such as: biocides, microplastics, mica mining and other

environmental responsibility; provides technical expertise; and develops policies and formal positions for the coatings industry. WCC has formal standing at key international organizations to represent the interests of the global coatings industry, such as the UN, OECD, SAICM, IMO, etc. This new name is to reflect the rapid pace of change, which can impact industry innovation and corporate responses to the increasing social and environmental challenges of our times. The WCC will continue to feature data obtained from surveys of leading companies and subject matter experts around the world. The WCC also supports the five-year Global Market Analysis completed and update by the Chemquest Group and hosts the bi-annual **Coatings Summit** featuring the top corporate leaders in the industry.

Timely Update on EU Developments and Canada's Initiatives on Microplastics and Its Proposal for Third VOC Regulations for Certain Products

At the last [CPCA webinar on February 14](#), more than 30 members had the opportunity to hear Jan Van Der Meulen, Managing Director of CEPE in the EU and Mary Ellen Perkin, Manager, Consumer and Cleaning Products Division, at Environment and Climate Change Canada (ECCC). The presentations addressed the latest development of initiatives in the EU and Canada regarding microplastics in various consumer and commercial products. A recent ECHA regulatory proposal narrowed the focus of intentionally-added microplastics restrictions seeking to eliminate "polymer" use or associated pollution coming from consumer and professional products based on a definition of microplastic that is wide, covering small, typically microscopic (less than 5mm), synthetic polymer particles that resist (bio)degradation. CPCA members were also updated on the latest changes made to the proposed Third VOC Regulations, such as the new VOC limit being raised to 30% for thinners and multipurpose solvents. Members can consult the presentation decks in the [CPCA CoatingsHUB](#).

Members Encouraged to Complete the Environment and Climate Change Canada National Survey on the 1-Litre VOC Exemption Under Architectural VOC Regulations

CPCA has assisted the PRA consultant, not only in the design of the survey but also in its distribution to member representatives who must complete the online or Excel survey form. The deadline to respond was set for February 22. CPCA's goal is to ensure the 1-litre exemption remains in place as it is something customers want for small jobs and it reduces the amount of leftover product to be recycled.

Health Canada to Launch Survey on MEKO and on Ethylbenzene

All Canadian paint and coatings manufacturers or importers are urged to verify their full compliance with the MEKO Code of Practice and to provide all remaining information regarding the use of ethylbenzene in indoor consumer products (except for aerosol products and exterior only products). CPCA recently moved the links to its publicly available educational tools for MEKO (factsheet, poster and video) at the following [English](#) and [French](#) address. If you are using any direct links to the CPCA

EU REACH Committee Further Delays Decision on Proposed Hazard Classification for Titanium Dioxide

For the first time, [efforts to advance regulations under REACH](#) (EU's Registration, Evaluation and Authorization of Chemicals law) have been held up by Member States. A serious and responsible debate took place on the sense and purpose of this classification following more than 500 submissions raising concerns and pointing out the fact that the Classification, Labeling and Packaging Regulation or CLP is not the right mechanism to address TiO₂. EU officials will schedule a meeting on March 7 to consider options. If no qualified majority is reached and no official action emerges, then a new European Commission will be convened in the fall. Industry groups have long emphasized the focused nature of any potential hazard (poorly soluble, low toxicity, occupational dust exposure) and a host of consequences associated with formulated products, where no exposure or risk is evident. CPCA has been working in concert with ACA, several EU-based national paint associations and other IPPIC associations, to communicate to EU officials its concerns on the potential broader trade implications, especially in view of the fact that TiO₂ is scheduled for chemical assessment in Canada in 2020 and that 60% of the global production of TiO₂ is used in coatings.

World Coatings Council to Further Discuss Circular Economy Efforts Aligned with Leftover Paint

The World Coatings Council (formerly IPPIC) Industry Stewardship Committee will soon proceed with two projects. First, develop a consensus approach to include life-cycle and sustainability metrics accounting aspects into chemicals management efforts, initially for biocides/preservatives, but also to prepare for additional challenges to key raw materials. Secondly to align key industry activities with the UN Sustainable Development Goals, focusing on examples that provide real, quantifiable support.

WCC AFCC Responds to Emerging Questions by National Regulators on the UN-LPA Model Bill on Lead Paint Restrictions

The UN-LPA statement clarifies that, while curtailing the intentional use of lead compounds in paints is widely supported by the coatings industry as a result of the longstanding existing legal restrictions, the UN LPA Model Law's proposal to consider a single limit (90 ppm) for all paints is not feasible for marine anti-fouling coatings using copper active ingredients. The WCC Antifouling Coatings Committee (AFCC) statement, which is based on the referenced ECHA document for copper active ingredients, addresses emerging regulatory proposals, was sent to the government of Singapore following requested comments on the acceptability of a universal 90 ppm standard.

Publication of New Substances Risk Assessment Summaries

New risk chemical risk assessment summaries were recently made available and are now being reviewed by CPCA and its respective technical committees. Once that review is complete, CPCA may submit comments based on any feedback provided by members in the industry. CPCA will help address any data gaps or discrepancies that might exist to further inform future government actions. In an effort to increase the transparency of the program and, as mentioned in the follow-up report to the Standing Committee on the *Canadian Environmental Protection Act*, ECCC and Health Canada are publishing summaries of new substances risk assessment reports. They include the most complete notifications for chemicals and polymers to date. Members can access those on the [CoatingsHUB](#) as well as any work or further consultation being done by CPCA.

Federal Spending Near Record Canadian Levels

A recent [Fraser Institute study](#) compared [per-person program spending](#) (inflation-adjusted) by each Canadian prime minister since 1870. It demonstrates that the current government is spending at one of the highest levels in Canadian history. During Stephen Harper's governance, last year as Prime Minister the per person spending was projected to be \$7,727 in 2015. However, the Trudeau government immediately increased spending after winning the election to \$8,117 per person (5 five percent in less than six months). The government then ramped up spending even more in 2016 (\$8,396 per person). In 2018-19, federal spending is projected to reach \$8,639 per person spending (almost a 12 per cent increase).

2019 Pre-merger Notification Transaction-size Threshold

The [Competition Bureau increased the 2019](#) pre-merger notification threshold relating to transaction size to \$96 million from the 2018 threshold of \$92 million. This will be important considerations as the coatings industry has seen rampant consolidations and mergers in recent years, which is not likely to subside soon.

Governments of Canada and Quebec Support Growth of CelluForce

The [federal government will invest a combined \\$6.4-million investment to support CelluForce Inc.'s innovative cellulose nanocrystal facility](#) becoming the world's first full commercial demonstration-scale plant of its kind. This remarkable new material, which can be used in everything including paints and adhesives, is produced from the cellulose in trees and made from wood that is abundant, renewable and biodegradable. CelluForce received the funding to advance innovative technology in Canada's forest industry.

Coatings on the Leading Edge of Sustainability

Contribution of Coatings as an Enabler for Waste Reduction

One should not underestimate the huge contribution the coatings industry can make to carbon-reduction targets. Above all, paint use is about better performance, durability and long-term protection of the underlying substrate – wood or metal – and products that reflect heat, reduce fuel use and friction, or create insulating capacity. It's also about solutions being non-hazardous and thus enabling the underlying products such as furniture, transport or building materials to be reused and recycled. Coatings are an enabler for not turning products into waste.

Covestro to Explore Sustainnovation at the European Coatings Show 2019

Covestro will share how their solutions and ideas can positively shape the world around us by create a future where innovation goes hand in hand with sustainability and commercial viability. It is called “sustainnovation.”

Bio-based Coating Solvents to Grow 1.5 Times More than Petrochemical Variants

Worldwide sales of bio-based coating solvents currently account for just over 10 per cent share of the market (less than 13 per cent in the EU alone, or 630,000 tons/5 million tons). However, this niche is expected to gain significant traction in the near future, while permeating key applications such as architectural coatings and industrial equipment coatings. It is expected that an alkyd product could be 100 per cent bio-based and performing, while many current water-based alkyd products struggle to achieve the same gloss, adhesion and resistance to corrosion. All fatty acids, di-acids and polyols can be extracted from natural sources. As they contain more than 50 per cent of natural oils and carboxylic acids from renewable plant sources, alkyd resins are a logical choice for sustainable coatings. In the same context, major US companies recently launched a Plant-Based Product Council.

Changing the Sustainability Conversation Between Investors and Companies

A new Ceres report, *Change the Conversation*, will help companies understand what investors want to know and capitalize on the opportunities to credibly present sustainability as a driver of business value, provides specific, investor-informed recommendations on how companies can better communicate the breadth, scope and financial value of sustainable business strategies.

CORPORATE MEMBER PROFILE

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



paint and coatings companies around the world. The company has more than 400 employees in Winnipeg. Duha's mission is to constantly improve its manufacturing processes and be more sustainable. Indeed, some examples of sustainable business practices specific to the life cycle of their products include: the use of paper products from responsibly managed forests, the use of 70%+ recycled corrugated, the ability to verify every part of the product is made or can be 100% recycled, waste diversion of paper and paints, paints, metals, plastics, aluminum, press materials, office administrative tools, IT equipment and supplies, green supply chain practices (including procurement and transportation).

Duha Printers (Western) Ltd began in 1940 in Winnipeg as a commercial print shop, founded by Emeric Duha VIII. Emeric Duha IX led the company through the 50s and 60s, while Emeric Duha X led it through the 70s and 80s. At that time, although the company still had printing presses, cards, fan decks and colour systems became its bread and butter. The third generation is now steering the company into expansion since the mid-90s, opened facilities in New York (USA), Melbourne (Australia), Singapore, and purchased the Colour Hive Limited (UK). The global expansion was managed through partnerships such as with Metamorphosis (Mexico), Asuka (China) and Robert Exacts (Germany).

The Duha Operating System is designed to link the various day-to-day activities within the Duha Group supply chain to a continuous improvement focused environment, in which employees use system-specific tools to improve and eliminate waste. This philosophy extends to suppliers and customers. With a shared vision of "One Improvement in Every Department Every Day," the company's pursuit of excellence. As a 'learning organization' first and a manufacturer second, the Duha Group has developed a Passport to World Excellence Program that lets all staff participate in various Continuous Improvement Program (CHIPS) exercises that are linked to the different "Belt Levels" listed (White, Yellow, Green, and Black).

CORPORATE MEMBER NEWS

BASF Retains World's Most Valuable Chemicals Brand Title Worth US\$8.3B, Dow is Second with US\$6.8B

BASF's brand value grew 11 percent to \$8.3 billion, making it the world's most valuable chemicals brand. BASF has been recognized in a recent Brand Finance Report for its corporate climate action and water security efforts. The company has also launched an initiative to make BASF Carbon Dioxide neutral by 2030 whilst also launching innovative climate-friendly chemical production methods. BASF is pioneering revolutionary new technology and digitalizing its chemical plants, such as its 600,000 networked sensors which are being used at its main production facility in Ludwigshafen. The new DowDupont organization still operates under the Dow and DuPont brands, and despite the new company being split into three new entities, the combination of the two main brands – \$6.8

DCC LANSCO Discusses State of the Pigments Industry

2018 was a tumultuous year for the pigment industry because of the “blue sky” initiatives in China, which disrupted the supply of raw materials and pigments, combined with the exceptional US tariffs.

Dow Receives Three 2019 BIG Innovation Awards

Two innovative technologies from Dow as well as the company's Coating Materials research division have won BIG Innovation Awards presented by the Business Intelligence Group (BIG). The annual awards program recognizes the organizations, products and people that bring new ideas to life. The research team from Dow Coating Materials division is being recognized for its world-class expertise. Dow was recognized for two particular innovations: SILASTIC 3335 Liquid Silicone Rubber and SYL-OFF 7792 and SYL-OFF 7795 Fluorosilicone Release Coatings.

Covestro, BASF, Celanese Push Advantages of Plastic Materials at Detroit Show

At the 2019 Detroit show, Covestro had a virtual reality headset that showcased the future interior of automobiles, pointing out to areas where Covestro materials will enhance the experience. Celanese had floor mats placed near entrances that prompted visitors to download a map to "Discover plastic solutions that drive innovation across the automotive industry", pointing out to 22 specific vehicles on display telling visitors which part was made with Celanese materials along with the supplier that built the part. BASF Corp. was showing off flooring material for vehicles that it called a lightweight, low-cost solution for auto makers. BASF supplied the chemistry for the piece. Meanwhile, BASF supported the Alliance to End Plastic Waste to drive solutions that help to solve the world's plastic waste problem.

Mergers, Acquisitions and Distribution Agreements

Cloverdale Paint Acquires Allcolour Paint Limited

Founded in 1963, Allcolour produces high quality light industrial and heavy-duty industrial coatings for the Canadian market from their 64,375 square foot facility located in Oakville, Ontario. Cloverdale Paint directly, and through a subsidiary company in Portland, Oregon (Rodda Paint Company), operates manufacturing plants in Surrey, Portland, Winnipeg, Mississauga, and Calgary.

Chemetall Acquires Automotive Paint Coagulation Business Activities from Polymer Ventures

The global Surface Treatment business unit of BASF's Coatings division, which operates under the Chemetall brand, has reached a final agreement to acquire the automotive paint coagulation business of Polymer Ventures Inc. and all shares.

Sensory Analytics Appoints Manutrol Inc. as Exclusive Canadian Sales Partner

network partner for Canada.

PQ Corp. Appoints Specialty Silicas Distributor in Canada

[PQ Corp.](#), a provider of specialty catalysts, materials, chemicals and services, has named Toronto-based Dempsey Corp. as an authorized distributor of PQ's specialty silica products for the Canadian region.

Dow Coating Materials Adds to Palmer Holland's Portfolio

[Dow Coating Materials](#) has appointed [Palmer Holland](#) as its exclusive channel partner for all ROSHIELD™ and Dow Coating Materials ROVACE™ sales across the United States.

R.D. Abbott Expands LORD Distribution

This [new agreement](#) will be facilitated and managed locally by RDAbbott's newly established division, RDAbbott Canada Ltd.

Industrial Physics Inc. Acquires C&W Specialist Equipment Ltd

[Industrial Physics Inc.](#), a leader in test and measurement equipment, has purchased C&W Specialist Equipment Ltd., which specializes in the development and manufacture of corrosion test chambers.

OTHER NEWS OF INTEREST

International News

Global Waterborne Coatings to Exceed EUR€83B in 2024

Architectural [applications](#) may witness gains at above 5.5 percent during forecast timeframe.

Global Solar Panel Coatings Market Forecast to 2025

The [leading players in this market](#) are Arkema, Fenzi SpA, NanoTech Products, Koninklijke DSM, PPG Industries, Unelko Corporation and more.

Coating Resins Market Worth US\$37.9B by 2023

The [polyurethane segment](#) is projected to account for the largest share of the coating resins market, by resin type, during the forecast period.

Global Aerospace Adhesives & Sealants Market to Grow to US\$1B+ By 2023

This [market](#) is projected to grow at a CAGR of 5.4 per cent between 2018 and 2023.

Global Bio-based Adhesives Market by 2024

Bioadhesives Medtech Solutions, EcoPro Polymers, Green Products, and Tremco.

Global Polyurethane Hot-melt Adhesive Market to 2023

This [market](#) will register a compound annual growth rate of 7.83 per cent during the forecast period of 2018 to 2023. Environmental awareness is one of the key factors driving the market.

Sustainable Packaging Market to Reach US\$400M by 2024

[Packaging](#) accounts for almost 45 per cent of the demand for plastic in the world and packaging design has an essential role to play in reducing the amount of waste generated.

Global Industrial Coatings Technologies, Bright Outlook to 2023

The [global market for industrial maintenance coatings](#) is estimated to be 5.2 billion wet pounds valued at US\$9.7 billion and will be growing at 5 per cent annually. [Strong growth is expected in 2019](#) as raw material suppliers respond with new resin and additive technologies.

Global Stain-resistant Coatings Market 2019-2023

This market will register a [CAGR of over 5 per cent by 2023](#).

Corrosion Protection Polymer Coating Market Analysis & Technological Innovation

A new research report [Global Corrosion Protection Polymer Coating Market Size, Status and Forecast 2019-2025](#) expects significant growth. Leading key global players are Polycorp, Koch Knight, STEULER, Akzo Nobel, Jotun, Axalta, Ashland, Sherwin Williams, PPG, BASF & More.

Global Paints Packaging Market 2019-2023

This market will grow at a [CAGR of approximately 5 per cent](#) during the period.

Global Waterborne Coatings Market 2019-2023

The waterborne coatings market will register a [CAGR of almost 5 per cent by 2023](#). The development of self-cleaning and self-healing coatings will drive growth in this market. Akzo Nobel, Axalta Coating Systems, BASF, Nippon Paint Holdings, PPG Industries, and The Sherwin-Williams are some of the major companies covered in this market report.

Global Adhesives and Sealants Market 2019 - 2025

The [top manufacturers](#) in this market are: Henkel AG & Co, H.B. Fuller, Bostik SA, Sika AG, 3M Company, Illinois Tool Works Corporation, Avery Dennison Corporation, DAP Products, Royal Adhesives & Sealants, Franklin International.

Appointments

Sherwin-Williams Appoints New CEO & Adds Industry Expert to

Protective & Marine Coatings Team

SW recently named [David Sewell](#) as [chief operating officer](#), effective March 1. Sewell is currently Sherwin-Williams' president of performance coatings group, a role he has held since August of 2014. Michael Harrison has joined the organization as Global Product Director for Linings and leads a dedicated team offering advice and solutions for protective linings in the oil and gas, mining, power, and water markets.

BASF China Appoints New President

[Jeffrey Jianfeng Lou \(50\)](#), Senior Vice President, Battery Materials, BASF (China) Company Ltd., Shanghai, will, as President, assume responsibility for the Division Advanced Materials & Systems Research effective May 1, 2019. His predecessor Harald Lauke (60) will retire effective April 30, 2019.

Chromaflo Technologies Promotes Dean Bell to Business Manager, Latin America

[Dean Bell](#) previously served as the territory sales manager with responsibility for the Caribbean. In his new position, Bell will be responsible for overall management of coating and thermoset product sales along with technical service in the Caribbean, South and Central Americas.

Economic News

Canada to Enter a Period of Slower Economic Growth

[2019 is expected to be a year of economic transition](#), both internationally and in [Canada](#). Canadian economic growth will gear down to 1.6 percent this year. A recession remains a distinct possibility but not a deep one, as negative economic headwinds may push [the Canadian economy into recession for a few quarters](#). Canadians 'likely need a weaker loonie' to move forward.

The Deloitte Millennial Survey 2018 Found Young Workers Don't Feel Ready for Industry 4.0

Regarding [smart and autonomous systems](#) run by data machine learning, it's not their technical skills millennials are concerned about. They are more focused on developing soft skills, such as interpersonal skills, confidence and ethical behaviour.

New B2B Platform for Chemical Products Launched

[CheMondis](#), a new [global online marketplace](#) for chemical products, has successfully launched and currently offers around 500 products from various suppliers.

Focus on Architectural

January Housing Starts Held Steady

The [national trend in housing starts held steady in January](#) and remained above historical average. The housing starts reached 208,131 units in January 2019, compared to

Focus on Industrial & Automotive

Doug Ford Announces \$40M for Ontario Auto Sector Plan

Ontario is putting \$40 million over three years into a new plan for the auto sector, including funding for innovation and training. The money is part of a 10-year plan for strengthening the auto sector's competitiveness, which comes as GM plans to shut down a plant in Oshawa, Ontario, at the end of the 2019.

Technical News

How Safe is Graphene?

A [comprehensive review](#), developed as part of the European graphene flagship project with the participation of EMPRA researchers, investigated the safety question of graphene.

Polyurethanes: Alternative Crosslinking Mechanisms

Due to the [proposed EU restriction](#), diisocyanates have been in the spotlight and the search for alternative crosslinking mechanisms in the focus of R&D. It is, of course, difficult to find products that offer comparable or even superior properties. The silane-functional polyurethanes, which contain urethane and urea groups and can be based on different polyols, such as polyesters, alkyd resins, acrylates, to cover a broad range of applications.

Transparent Hard Self-cleaning Nano-hybrid Coating on Polymeric Substrate

In a current research project, [GPTMS-silica nano-hybrid coatings](#) were immobilised on polycarbonate (PC) substrates by a sol-gel method.

3D Printing Used to Recreate Natural Wood Internal Patterning

Find out how a [new 3D printing technique](#) is enabling US scientists to artificially re-creating the appearance of wood as a sustainable innovation to fight deforestation.

New Smart Adhesives Introduced on the European Market

Next generation of [Bostik and Kizen packaging](#) adhesives based on new resin systems allows food packagings to be opened and sealed numerous times (up to 10) and then recycled in standards streams.

Focus on Architectural

Functionalized Zirconia Compounds as Antifungal Additives for Hygienic Water-borne Coatings

A [sol-gel method](#) was used to obtain materials based on silica and zirconia, with the inclusion of silver (Ag) with different acidic and textural properties which showed antifungal activity at the highest concentration used. The presence of Ag increased the

Focus on Industrial

Automotive Coatings: “There Is Huge Potential for Energy Saving”

Energy saving can be achieved through the use a [low-energy drying process](#) for integrated painting of composite materials with the car body. A blocked isocyanate can be cured, as well as a low-viscosity isocyanate to help enhance the appearance even when lower process temperatures are used.

CPCA PARTNERS

ACA CoatingsTech Conference and Regulatory Session Planned for April

[ACA's 2019 CoatingsTech Conference](#), which will be held April 8-10, 2019 at the Westin Cleveland Downtown Hotel in Cleveland, Ohio. This special session will augment the CoatingsTech Conference's technical focus, and embody the conference theme, “Making Sustainability Ideas Happen: Coatings for the Future.”

ChemQuest Hires New R&D Director

[Dr. Crystal G. Morrison](#) is Chemquest's new R&D director. Dr. Morrison's technical expertise spans polymer chemistry and engineering, organic chemistry, nanomaterials, coatings and composites.

CPCA & INDUSTRY EVENTS

CPCA's New Website features an [Events section](#) with up to date leading CPCA and industry events. Members can register to ALL CPCA hosted events directly on the website however, please note that registration fees are still processed through the office.



CPCA 106th Annual Conference & AGM



CPCA Webinar: Transition to the New Waste Free



CPCA Webinar: Chemicals Management Plan: Post

coatings industry is forward-looking. CPCA seeks to have 20-20 vision for the challenges and opportunities ahead!

There has been tremendous churn in the management of waste in Ontario as it relates to the evolution of regulations...

While we are not yet finished with Phase 3 of the CMP there is much activity related to preparing for a possible Phase 4, a.k.a. Post-2020...



CPCA: Protecting Your Interests Since 1913

CPCA regularly publishes several important publications to ensure members are fully informed of ongoing issues and actions impacting the paint and coatings industry in Canada. These include:

Regulatory RADAR

CPCA Regulatory RADAR reports on news of interest to paint and coatings manufacturers, suppliers and distributors. A members-only publication detailing comprehensive legislative and regulatory actions at all levels of government.

Prime Time News

A publicly available monthly newsletter sent to members, stakeholders and governments to provide a window into the industry for those with an interest or role in the sector.

Business Management & Marketing News

CPCA INSIGHT Guide & Directory

published annually to report on CPCA's work on behalf of members, key trends in the industry, raising awareness of the issues important for the sector and a guide of CPCA members supporting the important work done to sustain a long-standing and viable Canadian industry

Regular Bulletins, Updates, Memoranda and Press Releases

CPCA members are fully informed and can have direct input on actions taken by CPCA's board, technical committees and staff to ensure the industry is represented at the table when decisions are made affecting their business.

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