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CPCA Prime Time News



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“There is no such thing as failure.
Failure is just life trying to move us in another direction.”
– Oprah Winfrey

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CPCA Regular Publications

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:

- **Business Management & Marketing News:** monthly newsletter addressing relevant issues for those involved in management, sales and marketing in member companies
- **Regulatory News Alert:** monthly publication detailing comprehensive legislative and regulatory actions at all levels of government
- **Prime Time News:** publicly available monthly newsletter sent to members, important stakeholders and governments to provide a window onto the industry for those with an interest or role in the sector
- **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:** sent to members regularly to ensure CPCA members are fully informed and can have direct input on actions taken by CPCA's board, technical committees and staff to ensure industry is represented at the table when decisions are made affecting them

FOR MEMBERS ONLY

Don't miss important industry insight in CPCA's comprehensive Regulatory Newsletter published monthly. All past issues of Business Management & Marketing News and Regulatory News Alert are archived in the Members Only section of www.canpaint.com.

Some of the issues covered in Member Only publications:

- Members Informed of Government's Next Post-2020 Workshop
- Further Information Provided on Sector Implications in the 53 Priority Nanomaterials Being Tracked by Environment and Climate Change Canada

- CPCA's Summary of Decisions Taken at Recent International Paint and Printing Ink Council (IPPIC) Meeting in the UK
- Members Informed of Clarification to Sections of the VOC Regulations
- CPCA CMP Publication Status Analysis Provided to Members
- Information Conveyed to Members on Recent PMRA Re-evaluation Publications and Information Gathering Initiatives
- Members Updated with Recent Developments on ISO Nanotechnology Standards Technical Advisory Group Activities and Publications
- Industry Seeking Clarification on Requirement to Retain a True Copy of the Hazardous Product Label for Customers/Employers under WHMIS 2015
- Metro Vancouver Extends Consultation Period on Bylaw 1086 and Intends to Remove TBAC Ban from Initial Proposal Following CPCA Submission
- CPCA Strongly Encourages Members to Participate in the Industry Coordinating Group Conference on October 2018 in the Toronto Area

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CPCA Adhesives and Sealants Advisory Council

Role of the council, please visit [CPCA A&S Advisory Council](#)

President's Message



Below is the letter sent to the Editor-in-Chief of **Science** magazine, which recently made unfounded, non-evidenced based statements about VOC emissions from paint and coatings.

Jeremy Berg, Ph.D.,
Editor-in-Chief, Science
American Association for the Advancement of
Science 1200 New York Ave., NY

I am writing on behalf of the Canadian Paint and Coatings Association (CPCA), our members, and the broader coatings industry in Canada to voice concerns with the findings and methodology published in the February 2018 edition of the journal Science in a research article entitled "Volatile Chemical Products Emerging as Largest Petrochemical Source of Urban Organic Emissions." Based on data gathered by the Canadian government and our association on volatile organic compounds (VOCs) emissions originating from the architectural paint and coatings sector, this article grossly overstates the level of emissions and relative importance of this category of products in urban emissions.

The Canadian Paint and Coatings Association (CPCA) is a not-for-profit trade association advancing the interests of paint and coatings manufacturers, suppliers and distributors in Canada, while working internationally with organizations such as the American Coatings Association (ACA) and the International Paint and Printing Ink Council (IPPIC) to advocate for and promote responsible and sustainable best practices in each IPPIC member country. VOC emissions reduction has been and continues to be a focal point

of CPCA, ACA and IPPIC discussions and work.

While the article addresses VOC emissions in the United States, air quality transcends political boundaries and as such the North American paint and coatings industry is highly integrated from a manufacturing, sales and regulatory perspective. In both countries, the paint and coatings manufacturing industry has been subject to many stringent VOC reduction regulatory initiatives over the past three decades to reduce VOC emissions.

This is in addition to significant voluntary efforts made by industry alone during the same period. Further, each time stricter VOC regulations are implemented in one State (i.e. California) or in one region in the United States, it has a direct impact in Canada as a result of the integrated paint trade between the two countries.

The 2015 Air Pollutant Emission Inventory by the federal department of Environment and Climate Change Canada (ECCC) reports that transportation and mobile equipment, including off road vehicles, accounted for 25 per cent of Canada's VOC emissions. Surface coatings attributed a mere 3.2 per cent of the national total.

Over the past decade VOC emissions from Canadian paint and coatings manufacturing have decreased by over 75 per cent resulting from regulatory compliance and industry innovations. According to Environment and Climate Change Canada National Pollutant Release Inventory (NRPI) total VOC emissions from Canadian paint and coatings manufacturers has decreased from 1,990 tonnes in 2007 to 490 tonnes in 2016.

Recent Environment Canada VOC regulatory compliance investigations and lab tests have scientifically proven that similar substantial VOC emissions reduction also occurred in Architectural and Industrial Maintenance product categories. Currently 95 per cent of architectural paints are waterborne accounting for half of the total paint volume in Canada (including automotive and industrial paint), with roughly a third of the architectural paint product offerings being categorized as Zero- to near Zero-VOC waterborne products.

All ECCC and CPCA survey results gathered in recent years on average VOC content and total architectural paint litreage suggests that the average VOC content noted in the Science magazine article (49% of organic solvent by weight) is grossly exaggerated. This overestimation by one order of magnitude of the average VOC content in Canadian architectural coatings invalidates the current article's estimates for the sector as well as related conclusions and recommendations.

Additionally, for Canada alone, the authors of the article certainly erred by grouping the paint and coatings products with other solvent-based segments such as cleaners, detergents and personal care products, which are not subjected to the same VOC regulatory pressure as the paint and coatings category has been over the past three decades.

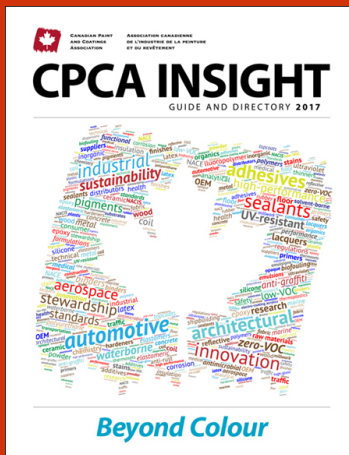
In contrast, there seems to be a reverse trend occurring in the Canadian transportation segment in Canada. Indeed, the number of vehicles sold in Canada reached record sales in 2017, with significant gain noted in the less-fuel efficient light truck and SUV segment, which now account for 69 per cent of total vehicle sales. In comparison, the total number of electric vehicles sold in Canada accounts for only 1 per cent of total motor vehicle sales. Moreover, annual imports of motor vehicles and parts were also up 4.7 per cent last year

compared to 2016. These results suggest that, in Canada, the relative share of VOC emissions from the transportation segment due to fuel consumption alone may not be decreasing as much as suggested in the article.

In their attempt to recognize VOC emissions reduction in the transportation sector and to future actions on other segments, the authors have misrepresented the successful VOC emission reductions achieved by the paint and coatings industry in Canada, North America other countries. In the process it is doing a disservice to the coatings industry's reputation by identifying it as one of the main contributors to VOC emissions. Such an approach in a 'science' magazine may also discredit the calibre of research for other more credible studies profiled in the magazine.

Based on the Canadian government data and reports, we respectfully ask that the Journal issue a correction to accurately report the VOC emissions attributable to architectural paint and coatings. CPCA also calls into question the article's conclusions published for the adhesives and sealants segment, as these products are subjected to similar VOC regulatory pressures as all paint and coatings products in the United States and elsewhere.

Respectfully,
J. Gary LeRoux
President & CEO

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Get More Insight from CPCA's Annual Guide and Directory

CPCA Insight: Guide and Directory 2017 is now available. Get a digital copy of this annual bilingual publication for the Canadian paint and coatings industry today.

[Download the electronic version.](#)



**4TH ANNUAL
ISSUE** **CPCA INSIGHT**

Coming May 2018

Featuring:

- Industry news and technological advances
- Comprehensive CPCA directory
- Distribution to a national database, various levels of government and at key industry events

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ET DU REVÊTEMENT**

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SAVE THE DATE!

CPCA's 105th Annual Conference and AGM

**Wednesday, May 23rd & Thursday, May 24th, 2018
Toronto Marriott Downtown Eaton Centre Hotel
525 Bay Street, Toronto, Ontario**

CPCA Annual Conferences and AGM

105th Annual Conference and AGM

May 23-24, 2018

Marriott Downtown Eaton Centre Hotel
Toronto, Ontario

Other CPCA Dates to Save

CPCA Coatings Webinar

Summer-Fall 2018

CPCA Board of Directors Meeting

May 23, 2018

CPCA Paint and Coatings Working Group Meeting

April 24, 2018

CPCA/AQIP Golf Tournament

July 9, 2018

PCWG Webinar on Enhanced NSN Program (Postponed)

April 2018

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Hello, savings.

Canadian Paint and Coatings Association members, use **offer code (BCD) D836600** to always save **up to 25% off base rates** plus, get other sweet deals like dollars off, a free upgrade, or free weekend days.

Book today at budget.com/800members or call **1-800-527-0700**.





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CPCA Report

All Members Invited to Participate in the CPCA Annual conference

Themed "Challenges of a Sustainable Industry", the 2018 CPCA Conference takes place in Toronto from May 23-24. Sustainability is defined as having sound fundamentals on three important fronts: economic, environment and social. The 2018 final program will be revealed shortly featuring timely discussions on the sustainability challenges and opportunities facing our industry including regulation, product innovation, advanced manufacturing and chemicals management. Be sure to register to be part of this important discussion on the future of our industry.

[The early bird registration ends on April 23.](#)

ACA/CPCA Call for Responses from the IPPIC Community to the Journal Science Study on VOCs

The journal [Science](#) recently published a study entitled "Volatile Chemical Products Emerging as Largest Petrochemical Source of Urban Organic Emissions.". The study suggests that because VOC emissions from motor vehicles have decreased over the years that other commercial sources such as paints and coatings are now the primary source of VOCs contributing to fine particles and ozone pollution. ACA and CPCA responded to the published study with a Letter to the Editor (see President's Message above) pointing out the study's inaccurate data and conclusions for architectural paint and coatings products and the 75 per cent reduction in VOC emissions that was achieved over the past ten years. The study is seriously flawed as a result of an over estimation of the paint sector contribution to urban VOC emissions and as such could be the focus of undue attention from local and national North American and even international governments. This is clearly overreaching by any reasoned consideration of emissions.

CPCA Analyzes Federal Budget 2018

On February 27, the Federal Government tabled its 2018-2019 Budget entitled "Equality and Growth." In a recent bulletin, CPCA analyzed this third Liberal Budget in a four-year election cycle. It is traditionally a low-news affair with governments holding off on significant initiatives to better position their chances in the general election. The budget missed the opportunity to address Canadian competitiveness from a taxation and regulatory perspective or announce any substantive measures to further support regulatory alignment with the US. The Budget does invest a modest \$11.5 million for a new regulatory reform agenda geared at regulatory cooperation, seeking to support innovation including a new e-regulation consultation platform. The budget references the government's plan to price carbon pollution, which will be imposed on any province and territory that fails to bring in an equivalent system before the end of 2018 and also introduces a number of wage and benefit programs, which will ultimately add to the compliance burden on employers.

Explosives Safety and Security Branch to Expand List of Regulated Restricted Components and to Consult on the Addition of Acetone as a Restrictive Component

The Explosives Safety and Security Branch (ESSB) of Natural Resources Canada, which administers the Explosives Act and Regulations, is currently working to strengthen security controls on explosive chemical precursors. ESSB has undertaken a series of consultations with our security and industry partners to seek feedback/comments on the expansion of the current regulated list of precursor chemicals based on threat and risks they represent here and abroad for homemade explosives manufacture. With this in mind, ESSB is considering adding acetone to the list of restricted components. Acetone is a precursor for the homemade manufacture of explosives via the synthesis of triacetone triperoxide (TATP). ESSB's current intent is to exclude any products sold at retail or expected to be reasonably obtained at retail, which has a low concentration of acetone. CPCA has engaged all supplier members of acetone to discuss the exclusion and its technical description of acetone products. ESSB is aware that acetone is currently being used on a large scale and will make every effort to minimize impacts on commercial activities from their upcoming amendment to expand the List of Restricted Components in the Explosives Regulations. The Explosives Regulatory Division also intends to proceed this Spring with publishing a regulatory amendment further restricting the use of powdered metals.

IPPIC: UN to Address the Emerging Policy Issues Identified by ICCM

Through Resolution 2/7 the United Nations Environment Assembly (UNEA) is seeking to ensure that the emerging policy issues identified by the International Conference on Chemicals Management (ICCM) would be discussed early this year. The seven themes are chemicals in products, endocrine-disrupting chemicals, environmentally persistent pharmaceutical pollutants, hazardous substances within the life cycle of electrical and electronic products, highly hazardous pesticides, lead in paint, nanotechnology and manufactured nanomaterials, perfluorinated chemicals and the transition to safer alternatives.

The International Panel on Chemical Pollution (IPCP) developed draft documents for a first round of internal review by Steering Committee Members, which took place in January 2018. Steering Committee members were to provide written comments and revised drafts will be made available in April 2018. A final review is expected at the Global GCO-II Workshop of June 2018, including a discussion on policy insights. A copy of this draft report is available at CPCA.

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Focus on Ottawa

This section features items on Ottawa that may include federal government departments, legislation/regulation, federal officials, Parliament, the federal Cabinet and more. These are items which impact the daily lives of Canadian individuals and businesses, but which may receive little attention beyond Ottawa.

New Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP) Could Hurt NAFTA

A recent analysis by Global Affairs Canada states that total [Canadian imports from the United States](#) are projected to fall by \$3.3 billion, led by a decline in automotive products imports. "Under the new [CPTPP recently signed by Canada](#), Canadian exports to the United States are not expected to change significantly as the US is not party to the CPTPP. However, there would be a decline in imports by Canada from the US, resulting from erosion of U.S. NAFTA preferences in the Canadian market."

Canada Seeking Input from Stakeholder Groups on Potential Areas for Regulatory Cooperation with the European Union (E.U.)

This may include [proposing alignment of existing regulatory systems](#), to streamline duplicative procedures, or to work collaboratively in areas that will be impacted by new or disruptive technologies that are not yet regulated. The consultation period closes on April 11.

New Corporate Social Responsibility Measures Introduced

The [Federal Government](#) will expand its control of the way Canadian businesses operate abroad by implementing an independent Canadian Ombudsperson for Responsible Enterprise and a multi-stakeholder Advisory Body.

Budget 2018 Renews Commitment to Supporting Scientific Research

[The new federal budget](#) will continue to reinforce research strengths at the [National Research Council Canada](#) and with large-scale national teams committed to exploring disruptive technologies and cutting-edge innovation. It will propose \$2.8 billion over five years to build collaborative federal science and technology facilities and provide \$2.6 billion over five years in additional support to make it easier for Canadians to do business and for entrepreneurs to access the resources they need to innovate, scale up, create jobs and reach new customers around the world.

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Members Urged to Use Educational Materials for MEKO

Please note that all CPCA members are urged to use the educational materials provided for their use to inform customers about the issues related to MEKO in

paint. These materials are provided to communicate the information on the Code of Practice for MEKO to company staff, contractors, DIY consumers and the public generally. Please note that this undertaking was required for the industry to secure a voluntary Code of Practice for MEKO instead of a regulation. Health Canada and Environment Canada will be evaluating the status of the effectiveness of the Code in several years, including the effectiveness and use of the educational materials. Based on that assessment a decision will then be made whether or not a regulation is required instead of a Code of Practice.



MEKO

EDUCATIONAL RESOURCES NOW AVAILABLE!

The Canadian Paint and Coatings Association (CPCA) has developed educational communication tools to ensure that all consumers adopt recommended practices with regards to ventilation when using indoor alkyd paint products containing MEKO.

View, download or print copies of the **fact sheet**, **poster** and **video** or share a link to the materials on your social media networks and/or website.

www.canpaint.com/meko-educational-materials

 CANADIAN PAINT AND COATINGS ASSOCIATION

 ASSOCIATION CANADIENNE DE L'INDUSTRIE DE LA PEINTURE ET DU REVÊTEMENT

Focus on Sustainability

CPCA features information on our industry's ongoing efforts to advance sustainability in all three pillars: environmental, social and economic.

Consortium Signs Agreement on Initial Funding for Waste-to-Chemistry Project

A [consortium](#) comprised of Air Liquide, AkzoNobel Specialty Chemicals, Enerkem and the Port of Rotterdam signed a project development agreement covering initial investments in an advanced waste-to-chemistry facility in Rotterdam. The facility will be the first of its kind in Europe to provide a sustainable alternative solution for non-recyclable wastes, converting waste plastics and other mixed wastes into new raw materials. This project provides a sustainable alternative to incineration by converting waste to raw materials.

BASF and Thermission Introduces Technology for Long-Term Corrosion Protection

[BASF Automotive Coatings](#) and Thermission AG are bringing a new corrosion protection layering solution to the automotive coatings market.

Dow to Unveil 2018 30th Awards for Packaging Innovation Competition

[International competition](#) brings together the best innovations in commercial packaging, recognizing breakthroughs in technology, customer experience and responsible packaging. Entries will be accepted until April 12.

Sustainability Accounting on the Rise

[The Sustainability Accounting Standards Board](#) (SASB) started in 2011 to

foster high-quality disclosure of material sustainability information to meet investor needs and make capital markets more efficient. Although this framework is still in development and the standards are still in the provisional phase, the SASB is seeing an increasing recognition from the investment community of the relationship between a company's performance on material factors related to ESG and the need for disclosure of these factors.

AkzoNobel Developing a Biocide-free Antifouling Product

The new product uses [ultraviolet light-emitting diodes](#) (UV-LED), integrated in a protective coating.

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Corporate Member Profile

This feature shines a spotlight on the valuable contributions of employees working for member companies. In the spotlight this month is Vince Rea, PPG Canada.

**Vincent Rea**

Director – Dulux Stores Canada

Vince Rea is the Director for the Dulux Stores Division of PPG. The Stores network consists of 265 Dulux Paint Stores across Canada. Vince began his career articling for a large international accounting firm where he received his designation as a Chartered Accountant (CA). Shortly thereafter, he joined CIL Canada Inc., a wholly owned subsidiary of ICI.

Vince has spent the last 25 years in the coatings industry, moving progressively within the Finance function. Vince moved into general management roles, including the General Manager of the Color Your World Division shortly after this business was acquired by ICI Paints in 1997 and Vice President with AkzoNobel, prior to PPG's acquisition of AkzoNobel. Along with his CA designation Vince also received his BBA and MBA from the Schulich School of Business (York University).

Vince is active in his community, having coached a number of teams in various sports. He participates in 10km runs, particularly the Terry Fox Marathon of Hope, which raises funds for cancer research.

Vince and his wife, MaryAnn, have two children, Julia and Peter. Vince is excited in being appointed to the Board of Directors for the CPCA and is looking forward to working with the Board on the many issues facing our industry.

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TREAT YOURSELF

Up to 25% off base rates for CPCA members

Arrive at your destination in style and comfort. Make the most of your next trip with great offers like dollars off, free weekend days, and a complimentary upgrade.

Plus, always receive up to **25% off base rates with AWD # D423500**. Reserve today at avis.com/800members or call **1-800-331-1212**.

Terms and Conditions: The savings of up to 25% applies to Avis base rates and is applicable only to the time and mileage charges of the rental. Offer does not apply to car group X. All taxes, fees (including but not limited to Air Conditioning Excise Recovery Fee, Concession Recovery Fee, Vehicle License Recovery Fee, Energy Recovery Fee, Tire Management Fee, and Frequent Traveler Fee) and surcharges (including but not limited to Customer Facility Charge and Environmental Fee Recovery Charge) are extra. Please mention 800-D423500 to take advantage of this offer. Offer is available for U.S. and Canadian residents only for rentals at participating locations in the U.S. and Canada. Offer may not be used in conjunction with any other AWD number, promotion or offer. Weekly rates require a minimum 6 day rental period. Weekend rate available Thursday noon, car must be returned by Monday 11:59 p.m., or higher rate will apply. A Saturday night keep and an advance reservation may be required. Discount valid on rentals checked out no later than December 31, 2018. Offer is subject to vehicle availability at the time of rental and may not be available on some rates at some times, including some online rates at Avis.com. Car rental return restrictions may apply. Offer subject to change without notice. Holiday and other blackout periods may apply. ©2018 Avis Rent A Car System, LLC






Corporate Member News

Benjamin Moore & Co. Recognized for Its Supply Chain Academy

At the fourth annual SCM World Power of Profession Awards, [Benjamin Moore was recognized](#) with the Talent Payback of the Year and Talent Breakthrough of the Year awards. These awards acknowledge the effort made by Benjamin Moore to transform and modernize its entire supply chain, increase employee retention and improve employee engagement.

Sansin's DEC Graces Award-winning Grange Park Playground in Toronto

[Toronto's Grange Park playground won the 2017 Wood Design & Building Award](#) hosted by Wood Design & Building magazine. The Wood Design & Building Awards is the only program to award excellence in architecture in which wood plays a significant role. Sansin's DEC was supplied.

Sherwin-Williams Honours 2017 Equipment and Supplies Vendor Award Winners

[At the ninth annual Equipment and Supplies Vendor Awards](#) Ceremony on January 31, the Sherwin-Williams Industrial Wood Coatings and General Industrial Coatings divisions recognized three winning business partners.

Axalta Strengthens Presence in Sport, Returns as Official NASCAR Partner

[Axalta is now the "Official Paint Partner of NASCAR"](#) after entering into a multi-year agreement with the stock car racing venture. Axalta joined the NASCAR Fuel for Business Council, bringing together an exclusive group of more than 50 Official NASCAR Partners to buy and sell products and services. Axalta will develop, manufacture and supply coatings to nearly anything with wheels that needs paint protection weatherability, durability or an enhanced appearance throughout the world.

PPG Donates Coatings for C-47B Warplane Restoration & Qualifies to SAE Standard

[PPG donated aerospace coatings to Air Heritage](#) in Pennsylvania for restoring a C-47B Skytrain military transport aircraft known as Luck of the Irish. [PPG also qualified](#) its CA7088 integral fuel tank aerospace coating to SAE International's Aerospace Material Specification AMS-C-27725, Type 3, Grade 2.

MG Chemicals Releases New Line of One-part Epoxy Adhesives for Electronics Manufacturing

One-part epoxy adhesives have long been mainstays of electronics manufacturing because of their ease of use and strong physical and chemical characteristics, but their high cure temperatures, frozen storage requirements, limited shelf lives, and working times have started to become issues to more and more OEM's. With this new one-part epoxy technology, MG Chemicals is very optimistic to positively impact electronics assembly by overcoming the three big issues of traditional formulations. <https://www.mgchemicals.com/news/>

DowDuPont Reveals Corporate Brand Names for Three Independent Divisions

The agricultural division will be called [Corteva Agriscience](#), while the materials science company and specialty products divisions will be known as Dow and DuPont, respectively. Materials Science is anticipated to separate by the end of the first quarter of 2019. Agriculture and Specialty Products are expected to separate by June 1, 2019.

MF Paint Publishes Trends Guide 2018

The MF Paint colour of the Year is ["Plume Grass"](#), which is a subtly green tinted shade capturing the swaying of wild grasses in a summer breeze.

Hempel Launches High-Performance Two Component Epoxy Coating & New Digital Analyzing Tool

[Hempadur 15600](#) is intended for offshore asset owners and specifically designed for the protection of [Floating Production Storage and Offloading \(FPSO\)](#) cargo tanks. The new coating is compliant with the International Maritime Organization Performance Standard for Protective Coatings cargo oil tank. Responding to shipping's continuing needs for sustainable solutions for increased efficiency, Hempel also launched a new digital analyzing tool – Systems for Hull and Propeller Efficiency (SHAPE) earlier this year.

Canadian-based Goudey Company Listed Among Key Worldwide Players in Nitrocellulose Coatings Market Study

The new study offers decisive specks of the nitrocellulose coatings market such as major leading players, market size over the forecast period of six years, market share, segmentation analysis, current trends, movements and major geographical regions.

Mergers, Acquisitions and Partnerships

Henry® Agrees to Acquire Fortifiber Building Systems Group®

Henry® Company, a leader in Building Envelope Systems®, has agreed to acquire Fortifiber®, a leading manufacturer of weather-resistive moisture management systems, including housewrap, building paper and flashing tapes that is based in Nevada.

DCC Merges Dispersion Business Subsidiary into Parent Organization

[Dominion Colour Corporation](#) subsidiary [Gemini Dispersions Ltd.](#) was fully integrated into the parent organization. This means the discontinuation of the Gemini Dispersions name in all activities of the business, as well as changes to its contact information, sales, customer service, correspondence, technical literature, and website.

Arkema Expands Agreement with Palmer Holland

[Arkema](#) will expand the [geographic distribution](#) territory of Palmer Holland for the Orgasol® and Rilsan® D products for coating additive applications.

LyondellBasell Doubles Plastics Business with US\$2.24B Schulman Deal

[LyondellBasell's plastic compounding business](#) largely caters to the automobile parts market.

Specialty Polymers Partners with Kathion Chemie de Mexico

[Kathion Chemie de Mexico](#), a specialty chemical distributor, has more than 15 years of experience in the Latin American coatings market.

VELOX and Life Material Technologies Sign Agreement

VELOX GmbH signed a new distribution agreement with Life Material [Technologies Ltd.](#) (Thailand), a manufacturer of antimicrobial additives and treatments for coatings.

Gulf Coast Chemical Partners with Unican

[Gulf Coast Chemical](#) has formed a partnership with Unican, a manufacturer of paint cans, steel pails and other general line metal products.

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Appointments in the Paint and Coatings and Adhesives and Sealants Industry

Please forward any appointments or changes in staffing to [Micheline Foucher](#) at CPCA.

HERO Products Names New Vice President

[The H.E.R.O. Products Group](#), a division of I.C.T.C. Holdings Corp., has appointed Chris Kosmala to the position of Vice-President Marketing & Key Accounts. Kosmala has over 25 years of experience in sales and marketing, including 20 years in the paint and coatings industry. Over Kosmala's tenure with ICI and Akzo Nobel, he was a 2008 Industry Leadership Award winner, served on the board of CPCA for six years as a board member, and as a member and Chair of the Management Information Committee.

Voorhees Named CEO of Rust-Oleum

[Since March 1, Edward J. Voorhees III, president of Rust-Oleum North America](#), took over as CEO of Rust-Oleum Group in replacement of Thomas E. Reed, who will assume the position of chairman as he approaches his September retirement. Voorhees has been a part of the Rust-Oleum team for more than 35 years, starting as a sales rep on the East Coast.

PPG Appoints Senior Business Director, Mobility

[Ranju Arya was appointed PPG's senior business director, mobility](#). Arya will lead PPG's efforts in developing and commercializing paint and coatings technologies for autonomous and electric vehicles. Arya was previously account director, automotive OEM coatings, and brings more than 20 years of experience with PPG in global business development and corporate strategy.

Randy Moore Director of Sales of Agency Development and Industry Affairs for Tnemec Elected as VP of AWWA Board

[Randy Moore's term as vice president of the American Water Works Association Board of Directors \(AWWA\) will run through 2020](#). As creator and current co-chair of the Innovation Initiative Moore is nationally recognized as an innovation industry thought leader in the water sector.

AkzoNobel Selects Nils Andersen as Next Chairman of Supervisory Board

[Nils Smedegaard Andersen will be elected as Chairman of Supervisory Board](#) at the Annual General Meeting in April.

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START TRAINING **NOW** TO PREPARE FOR **GHS**

CPCA has partnered with ICC Compliance Center to offer training on GHS* to its members.

Members of CPCA receive 15 per cent off ICC's in-person training classes across Canada for GHS Supervisor Manager and GHS Classification.

Visit CPCA's online store for easy access to ICC's online courses on GHS and other topics. Click [here](#) to start training today!

* CPCA strongly recommends that its members start training their employees as early as possible in the new year prior to the official coming into force of GHS in Canada on June 1, 2015.



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ET DU REVÊTEMENT**

www.canpaint.com/ghs-training

International News

Paint and Coatings Market Consolidation 2017-2022: Who Will Not Survive?

[This 142-page report](#) provides analysis of the global paint and coatings market outlook, as well as supplier strategies, marketing tactics, and technological know-how.

Market for Marine Coatings for Leisure to Reach US\$1.9B by 2024

[The environmentally friendly foul-release product segment](#) will display high growth with a CAGR of more than 7.5 per cent. Foul-release products use silicone technologies to create a super-smooth surface that is difficult for marine life to attach to. Overall, North America will be the most significant marine coatings market for leisure-boat with market share that will exceed 25 per cent by 2024.

Global Automotive Refinish Coating Market to Grow at 6.5 Per Cent CAGR from 2018-2026

[Increasing vehicles sale](#), easy availability of auto loans and modern lifestyle will drive the market growth over the forecast period.

In-depth Research of Global Additives for Coatings Market

[This research profiles](#) the key players/manufacturers, with two CPCA members being listed: Angus Chemical and Lorama Group. Angus figures among the top three.

Global Hot Melt Adhesives Market to 2022

[This market will grow](#) at a CAGR of more than 6 per cent between 2018 and 2022.

Global Silicone Sealants Market Boosted by High Demand from Construction Industry

[The global silicone sealants market](#) is expected to grow a CAGR of 6 per cent during the period 2018-2022. The Americas are expected to witness a small decline in their market share during this period.

Global Structural Sealants Market to Reach US\$4.07B By 2023

[This market will grow](#) at CAGR of 5.41 per cent during 2018-2023. Silicone structural sealants is a prominent segment accounting for the highest market share of 34 per cent, followed by polyurethane, acrylic, and polysulfide among others.

Global Marine Sealants Market to 2022

[This market will grow](#) at a CAGR of 6.14 per cent during the 2018-2022 period. DowDupont is one of the key players in this market.

Global Chemical Management Services Market to Reach US\$4.2B by 2021
[This market will grow](#) at a CAGR of 7.4 per cent from 2013 to 2021. [Among 17 key market vendors](#) figure three CPCA members: PPG Industries, Henkel, and Intertek.

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Economic News

Canadian Growth of 2.4 Per Cent in 2018

[Canadian economy will slow down](#) to below 2 per cent in 2019. The recent Federal Budget was a non-event from a short-term macroeconomic perspective. NAFTA-related uncertainty likely remains a drag on business activity in Canada. Other uncertainties may compound the trade-related concerns of businesses: the loss of tax competitiveness with the US, relative changes in the countries' regulatory regimes, and increases in provincial minimum wages. Owing to these factors, business investment in Canada is likely to be much weaker.

Major Trends in Freight Transportation in 2018

How will the ELD mandate play out? How much will freight rates increase? [Will supply chains be disrupted](#) by capacity shortages? How will NAFTA play out in the three participating countries in 2018 and beyond?

Covestro CEO Says Some M&A Valuations Are Too Costly

[Mergers and acquisitions continue](#) to sweep across the chemical industry, resulting in disproportionately high valuations that will make it difficult for firms to realize a profit. "People forget that they have got to live with the cost of that acquisition for the future," argues Covestro CEO Patrick Thomas.



Focus on Architectural

Canadian Housing Starts Trend Stable in February and Since November 2017

[The trend in housing starts](#) was 225,276 units in February 2018, compared to 224,572 units in January.

Color Trends for Wood Coatings

[Consumers are more willing](#) to try new color choices for their upcoming woodcare project. The furniture and home market continues to trend with gray-based browns. Red-based browns are declining in sales.

US Initiative Building Report Cards for Retailers Regarding Their Actions to Eliminate Toxic Chemicals

[Mind the Store assessed 30 retailers](#) in 2017. For 2018, there will be 15-20 more retailers added to the list. They started with the larger retailers and will slowly populate their report card with more retailers and more specific categories. Check the home improvement and furniture/home goods retailer category. Their evaluation is based on 14 key metrics shows that 2/3 of retailers got a C, 40% a D and 30% a F score. Regulations appear to be the major drivers for eliminating toxics in products and the second most important driver is consumer demand.

How Appearance Affects Color

[Appearance is more than simply color](#). It's a comprehensive look at everything inherent to each unique material we come in contact with, including texture, gloss, transparency and special effects



Focus on Industrial & Automotive

February Auto Sales in Canada Set New Record

DesRosiers Automotive Consultants says new light vehicle sales continue to defy expectations this year as February saw record sales for the month. Sales in the first two months of 2018 were up 3.8 per cent compared to the same period in 2017.

Used-car Retention Values Reach all-time High

The retention value of 4-year-old vehicles has reached an all-time high for the second year in a row, according to the 2018 edition of the Canadian Black Book Retained Value Awards released this week. Four-year-old vehicles are retaining 53 percent of their original MSRP, Canadian Black Book said, beating the record level (51 percent) from 2017.

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Technical News

Brightly-colored Bacteria Pave the Way for Biodegradable Non-toxic Paints

Researchers have unlocked the genetic code behind some of the brightest and most vibrant colors in nature. This is the first systematic study of the genes underpinning structural colors, not only in bacteria but in any living system. This opens up the possibility of harvesting bacteria for the large-scale manufacturing of nanostructured materials: biodegradable, non-toxic paints could be 'grown' and not made.

Biobased Polyurethane Thermosets from Renewable Materials

Scientists have synthesized flexible, hard, and tough biobased polyurethane thermosets from renewable materials, i.e. glycerol and 10-undecenoic.

Creating Highly Tunable Adhesives with Kirigami-inspired Structures

The development of smart glues, with controlled and tunable adhesion, is driven to a large degree by potential applications in biomedical systems, robotics, and manufacturing (i.e. wearable electronics directly attached to the skin). Researchers also have developed a reversible adhesion method for printing electronics on clothes, plastic and leather. One area of nanostructure-based adhesives has been inspired by geckos, and the gecko adhesive effect differs dramatically with pressure-sensitive adhesives, whether they are difficult or easy to remove.

European Scientists Establish Chemical Fingerprint of Urban Emission Sources of VOCs

Researchers were able to draw conclusions about individual emission sources from the measurement data. Man-made VOCs were found to be more abundant than previously estimated in this "Scent of the City".



Focus on Architectural

Clever Coating Opens Door to Smart Windows

The [self-modifying coating](#), which is a thousand times thinner than a human hair, works by automatically letting in more heat when it's cold and blocking the sun's rays when it's hot.



Focus on Industrial & Automotive

Protective Coatings: "Isocyanate-free Wins the Day"

The [market for corrosion protection coatings](#) is ultimately driven by user trends, regulatory requirements and the performance. Some key players are seeing a shift towards coatings that lower energy costs and have a lower impact on the environment. Water-borne is the technology that stands out as being the one where significant advances/developments will potentially be made above the others. However, in certain industries, it's not yet possible to move away from solvent-borne coatings. But, one challenge remains largely unsolved: a low VOC isocyanate-free coating with comparable cost and performance to current 2k polyurethanes.

Skin-inspired Coating as Hard as Teeth Can Heal Itself

[Self-healing smart coatings](#) could someday make scratches on cell phones a thing of the past. But researchers often have to compromise between strength and the ability to self-repair.

Seaweed: A Natural Anticorrosion Agent

[According to Indian researchers](#), seaweed can now help protect the steel body of ships from corrosive bacteria.

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Webinars, Courses and Publications

Webinars/Summits 2018

Collaboration for the Future of Aerospace Conference

[March 26-29](#) | Exhibits: March 27-28, Long Beach, CA

Canadian Fleet Maintenance Summit

[April 18](#), Mississauga, Ontario

Emulsion Polymers "Hybrid Latex Systems - Polyurethane/Acrylic, Alkyd/Acrylic and Inorganic/Organic Latexes"

[April 23-25](#), Savannah, Georgia

Biocidal Product Regulation (EU) No. 528/2012

[April 25-26](#), United Kingdom (TBC)

Safer Chemicals in Products 2018

[May 15-16](#), Boston, Massachusetts

Chemical Watch Expo 2018: Global Chemical Regulations

[June 12-13](#), Belgium

8th International Conference and Exhibition on Biopolymers and Bioplastics

[October 15-16](#), Las Vegas, Nevada

PRA's 11th International Woodcoatings Congress

[October 23-24, Amsterdam, Netherlands](#)

Biocides USA

[November 6-7, Washington, DC](#)

IHEA and CCAI International Thermprocess Summit

July 31-August 2, Atlanta, Georgia

<https://www.pcimag.com/articles/104486-ihea-and-ccai-co-host-thermprocess-and-finishing-summits?id=104486-ihea-and-ccai-co-host-thermprocess-and-finishing-summits>

Biocidal Product Regulation (EU) No. 528/2012

[April 25-26, 2018, United Kingdom \(TBC\)](#)

Publications/Courses

[Mixing Equipment Directory](#)

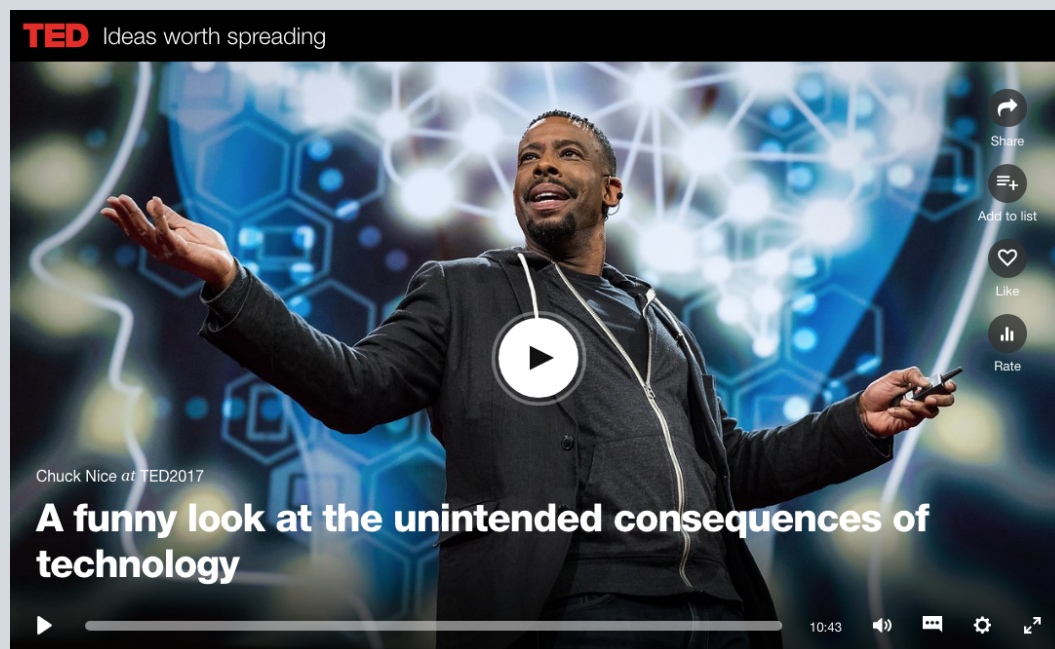
[Videos and Proceeding in European Coatings 360° of EC TiO2 Forum](#)

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TED Talks

A Funny Look at the Unintended Consequences of Technology

Technology should work for us, but what happens when it doesn't? Comedian Chuck Nice explores the unintended consequences of technological advancement and human interaction -- with hilarious results.



Register For A Diploma In Coatings Technology



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ET DU REVÊTEMENT



Training courses are now **online** and will enable members' staffs and partners to get training as needed. Once the training is completed, successful candidates will receive a Diploma in Coatings Technology. This is an opportunity for members to provide necessary skills training to retain effective staffing levels. The three levels of training available via CPCA are shown at right.

Theoretical Concepts

The course is designed to provide the theoretical basics of coatings technology for young people who are just entering the industry, or who have been working in the industry for some time but who want to upgrade their status in the industry by earning a Diploma in Coatings Technology.

Industrial Paint Applicators

In view of the complexity of most industrial coatings, the course is recommended to industrial paint applicators who need to be able to appreciate the composition, performance capabilities and handling of the products they purchase and use.

Sales and Marketing

Designed for those working in a non-technical role such as purchasing of raw materials, production scheduling or sales or marketing, and who may not be interested in the Diploma as such. These candidates do not need to sit for the examinations and may enroll in only one semester to gain expertise in a subject of particular interest to them.

Learn more about our online courses:

Online training for TDG and WHMIS is also available for members and non-members.

CanPaint.com/training-and-education



Have a closer look at online training available through CPCA:

- Diploma in Coatings Technology
- Certification in Transportation of Dangerous Goods (TDG) and Workplace Hazardous Materials Information System (WHMIS)
- Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Training Partnership with ICC Compliance Center

Upcoming Events

There are new upcoming events that may be of interest to the paint and coatings industry. Please consult www.canpaint.com for more information on topics, times and locations.

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CPCA Partners

BCF and BASA to Host Brexit Seminar

The British Coatings Federation (BCF) and the British Adhesives and Sealants Association (BASA) have teamed up to shed light on how Brexit is expected to impact the industries they represent. The seminar will take place on April 11, 2018.

American Coatings Show

All signs point to a very successful 2018 American Coatings Show and Conference.

Please plan to attend on April 9-10 in Indianapolis. CPCA members' support will continue to make this show a resounding success.

The ASI Publishes Adhesives in Action Newsletter

With this new complimentary monthly eNewsletter, the Adhesives and Sealants Industry (ASI) brings the latest technological developments and industry news for users of adhesives and sealants in industries such as transportation, electronics, construction, assembly, packaging, and more.

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CPCA Affinity Program Benefit for Member Companies

CPCA encourages its members to take advantage of savings on personal products via our Affinity Program.

Please contact [CPCA](#) for more information.

Take advantage of your CPCA member benefits.

* Benefits are based on individual circumstances like age of autos, accidents, etc.

CPCA Coatings Technology Scholarship



CPCA annually awards a scholarship to deserving children of staff of member companies, continuing the long-standing tradition of the Toronto Society for Coatings Technology over many years. The award is made by CPCA's Education Committee and granted to high school students who have excelled in their final year and have been accepted for further post-secondary education. Granting the award is based solely on academic achievement.

If you have questions, wish to suggest a story, or if you would like your news published in Prime Time News, please contact the [Editor](#). CPCA reserves the right to choose which stories will be published and to edit material received for length, clarity and style prior to publication.

Editor's Note: All financial information is in Canadian dollars unless otherwise stated.

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