

IN THIS

SEPTEMBER 2018

REGULATORY RADAR HEADLINES PRESIDENT'S MESSAGE CPCA REPORT FOCUS ON OTTAWA WELCOME NEW MEMBER SPOTLIGHT ON MEMBERS CORPORATE MEMBER NEWS

INTERNATIONAL NEWS ECONOMIC NEWS TECHNICAL NEWS WEBINARS & SUMMITS CPCA PARTNERS CPCA CONNECTS PROGRAM

Chance favors the prepared mind.
-Louis Pasteur

REGULATORY RADAR HEADLINES

Access to full monthly Regulatory Radar for members only.

- Members Reminded of WHMIS 2015 Compliance Deadlines for Employers
- CPCA Engaged in September and October Meetings of the Current Issues
 Committee on GHS

CPCA Prime Time NEWS, October 2018

Subscribe	PCA Convinces Metro Vancouver to Cancel Part of its Proposed Past Issues Amendment to Air Quality Bylaw for Auto Refinishing	Translate
	 Comments Provided to the Federal Government on Proposed CMP Decisions for Benzophenone and Furans Members Notified of PMRA's Re-evaluation Decision on Copper Thiocyanate Paint and Coatings Working Group Meeting Hosted at CPCA Office in November CPCA Staff Working on Enhancing New CPCA Website Prior to Launch in 	
	 2019 CPCA Webinar Series Launches on November 15, 2018 - Biocide Compliance Update in Canada Comments Provided for Changes Provided on the 1-Litre VOC Exemption Use Survey CPCA Answers Another PMRA Questionnaire to Gather More Exposure Data on All Biocides Contained in Cluster Analysis CPCA Participates in the CEPA-ICG Update Conference on Chemicals Management in Canada 	
	 Staff and Members to Participate in CMP Post-2020 Multi-stakeholder Consultation in November CPCA CEO to Participate in National CMP Stakeholder Advisory Council Meetings in November CPCA Members, Staff and Government Officials Participate in Paint and Coatings Working Group Discussions in Ottawa 	





One of the world's leading specialty chemical companies, Clariant contributes to value creation with innovative and sustainable solutions for customers from many industries, including the paint and coatings industry. Their extensive portfolio is designed to meet very specific needs with as much precision as possible. At the same time, their research and development is focused on addressing the key trends. These include energy efficiency, renewable raw materials, emission-free mobility, and conserving finite resources. Their business units are organized into four business areas: Care Chemicals, Natural Resources, Catalysis and Plastics & Coatings. The additives business is a major supplier of flame retardants, polymer additives and waxes for functional effects for paint and coatings. These additives aims to offer innovative and sustainable products and solutions, always focusing on functionality. The pigments business is a leading global provider of organic pigments, pigment preparations and specialty dyes.

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Get More Insight from CPCA's Annual Guide and Directory

Past Issues

CPCA Insight: Guide and Directory 2018 is now available. Get a digital copy of this annual bilingual publication for the Canadian paint and coatings industry **today**.

Download the electronic version.



PRESIDENT'S **MESSAGE**

In a few days CPCA will be hosting the fall meeting of the Paint and Coatings Working Group (PCWG), which holds two formal day-long meetings a year. This group is comprised of CPCA member companies, government officials from various federal departments and CPCA staff. More than 40 people will be engaged over the course of the day on issues of importance to the coatings industry.

The PCWG was the first industry sectoral working group created to address important issues related to chemicals management in Canada. It was created because paint and coatings is one of the



top industry sectors implicated in the ongoing work of the federal Chemicals Management Plan (CMP) wherein 4300 priority substances used in commerce in Canada have been undergoing a comprehensive risk assessment process since 2006. Currently, of the 1550 substances being assessed in phase 3 of the CMP, 500 are used in paint and coatings products.

Work on chemicals management consumes the lion's share of CPCA's work, but it is time well spent as it is critical that government officials have the necessary evidence-based data to make informed assessments before any risk management action is taken, whether it be regulation, a code of practice, pollution prevention plan, etc. While multiple sources of data are used in the evaluation of chemicals, industry has the critical data on these substances with respect to their use in product formulations. It is critical that government assessors have key industry data in the formal assessment of chemicals as it provides essential detail

Past Issues

The goal of the PCWG is to ensure the best possible outcomes for both human health and the environment, all in the context of the first pillar of sustainability, economics. At times this fundamental pillar is overshadowed by the other two pillars, environment and social. Or, some choose to ignore the science-based approaches to chemical assessment over a public relations effort to seek greater restrictions on chemical use. CPCA has long supported Canada's focus on a science-based approach to chemical assessment and urges government to continue in that vein.

There are many ongoing meetings on chemicals management throughout the year in various industry sector working groups; bilateral and multilateral meetings with government, civil society and NGO meetings via a formal national advisory council; work with respected research organizations; informative workshops and conferences, etc. The PCWG meeting provides the coatings industry with important milestones throughout the year to take stock of where the industry is with respect to chemical assessment in Canada. Our meeting in November will address the ongoing discussions on chemical assessment by government post-2020 as they consider new priority setting approaches or prioritization, toxicological thresholds to assess risk to human health, and how external peer review might be used related to increased public and stakeholder input. As part of that effort they will revisit impacts of endocrine disrupting chemicals and low-dose effects, potential impacts related to vulnerable populations and cumulative effects, and possibly even reconsider reassessment of chemicals already assessed in the CMP where new information comes to light.

Other items on the PCWG agenda will include an update on the status of VOC regulation, performance review on the Code of Practice for MEKO, update on GHS/WHMIS 2015, ongoing issues related to the Canada-U.S. Regulatory Cooperation Council, bans and use restrictions for biocides used for paint preservation, status on the ongoing review of microplastics, and international issues being actively considered by the International Paint and Printing Ink Council.

These are some of the items of concern to the coatings industry in Canada. We must continue to monitor and engage with federal officials in the coming weeks and months to ensure the best possible outcomes for all.

Gary LeRoux President & CEO

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CPCA Launches First Webinar

See details below for an overview and registration information.



Register TODAY! CPCA Webinar 1: Biocide Compliance Update in Canada Thursday, November 15 @1:00 pm – 2:30 pm

Biocides are a safe and essential component of modern formulations protecting waterborne paint and coatings from antimicrobial contamination. In 2017, the Canadian government moved to ban or severely restrict the use of a number of key biocides including OIT, MIT/CMIT. CPCA formally challenged and successfully delayed the implementation of the government's decision using study data and exposure evidence with further analysis being conducted that could lead to a different decision. If you manufacture, supply or distribute products that contain biocides, don't miss this exclusive webinar on the latest biocides developments and gain expert insights on regulations in Canada and the United States. Download the Registration Form Here.



Presenter: Adrian Krygsman Director, Product Registration Troy Corporation General Q&A Discussion

Past Issues



2018 CPCA Christmas Luncheon Wednesday, December 5, 2018, 11:30 am Hilton Toronto Airport Hotel & Suites Mississauga, Ontario For tickets please contact Micheline Foucher

CPCA 106th Annual Conference and AGM

May 22nd and 23rd, 2019 at the Sutton Place Hotel Vancouver, British Columbia

CPCA to Launch New Website with Canada CoatingsHUB

All CPCA members will soon be invited to visit the completely revamped CPCA website and register for the new comprehensive Canada CoatingsHUB available to members only. This searchable member resource is an initiative that is greatly needed at a time when the coatings industry is among the most heavily regulated sectors in the country. No other association has this depth of information on the multitude of important issues facing the Canadian coatings industry, or the attention to detail regarding current and developing regulations that impact thousands of industrial and consumer coatings products.

The Canada CoatingsHUB is organized and searchable by key data points and resource types, allowing members to customize issue tracking or stay ahead of the myriad of regulatory requirements through the CPCA Compliance Calendar via their own customized 'Member Dashboard'. It allows members to view data when and how they want to view it by selecting the resources on which they want to receive regular updates. The Canada CoatingsHUB is the go-to source for crucial coatings industry information for each key issue including government policies and regulations, reports, articles, committee minutes, specific data by substance, CPCA technical submissions, issue tracking, featured resources and more. The goal of CPCA's CoatingsHUB is to help keep our members informed of the relevant issues, stay fully compliant with the regulations, and mitigate risks to the reputation of their respected brands.

CPCA's Board Awards 2019 Annual Scholarships

CPCA annually awards scholarships to deserving children of staff of member companies, continuing the long-standing tradition established by the Toronto Society for Coatings Technology. The \$2,000 scholarship, selected by the CPCA Education Committee, is awarded to deserving high school or post-secondary students based solely on their academic achievement. The recipient of the 2019 CPCA Scholarship is Tessa Lahti, daughter of Roy Lahti of Allcolour Paint Ltd. Tessa is an Ontario Scholar from Lorne Park

ndary School in Mississauga, Onta Past Issues

Tessa is currently in her first year of the Bachelor of Landscape Architecture at the University of Guelph. She took a gap year prior to attending university, working in Whistler, B.C. in the hospitality industry as well as travelling to Finland to further explore her heritage. She is a former competitive dancer, downhill skier and rower who continues to actively incorporate fitness into her daily routine in order to maintain a healthy lifestyle.

CPCA Continues to Relay Important ECCC Information on Bundled Small Containers of Architectural Paint Products

Earlier this summer, Environment and Climate Change Canada (ECCC) distributed an information note to all Canadian paint manufacturers, importers and sellers of paint and coatings products.

CPCA Supports International Lead Poisoning Prevention Week and the UN Global Lead Paint Alliance

CPCA, through its membership in the International Paint and Printing Ink Council, (IPPIC) supports the World Health Organization's International Lead Poisoning Prevention Week of Action, Oct. 21-27, 2018. This year IPPIC is launching the UN Global Environment Facility project with the goal of establishing legislated lead paint restrictions in 40 countries by 2020. With a focus on Latin America, Africa, and Asia, LPA encourages countries without lead paint legislation to adopt the UN Model Law, which is designed to adapt easily to a country's legal framework.

IPPIC and its members like CPCA are working to raise awareness of the widespread need for legislated restrictions on lead content in paints and are committed to its global elimination through the Lead Paint Alliance. UNEP reports that only one-third of countries around the globe control the use of lead in paint. In many countries, lead paint is still permitted in homes, schools, hospitals, on toys, and other children's products. Lead poisoning is responsible for approximately 500,000 deaths and 9.3 million disabilities every year. The most common sources of lead poisoning include leaded gasoline, dust and flakes from lead in paint, and contaminated air, water, and soil. According to IPPIC's Global Market Analysis, 95 per cent of the 20 billion litres of decorative paint produced annually does not contain lead. The remaining 5 per cent is produced in countries where lead content remains unregulated, unlike the situation in Canada and the United States where lead has been regulated for 35 years.

CPCA Participates in Government of Canada Consultations Ahead of UN Meetings

Government of Canada officials are consulting with Canadian stakeholders, including industry, prior to attending the 36th Session of the Subcommittee of Experts on the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals scheduled to meet in Geneva, December 5-7, 2018. This session will mark the end the Biennium 2017-2018. Health Canada has shared formal international documents with Current Issues Committee (CIC) members for discussion along with a number of informal documents that are also posted on the UN website regarding Revision 8 of GHS. CPCA has asked for members' comments on these papers and any necessary changes or corrections required to the current proposals.



Set your sights on Vancouver!

The 2019 CPCA Annual Conference and AGM will be held at the Sutton Place Hotel in beautiful Vancouver, British Columbia with the Chair's popular Industry Awards Dinner at the Royal Vancouver Yacht Club. Entitled "Vision 20-20 Beyond 2020", the conference takes a forward-looking approach at the priority issues facing Canada's paint and coatings industry. Look for notifications later in November announcing presenters, early bird registration, hotel block, and flight discounts.



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

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 Past Issues
 Transmitter

 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.

 BACK TO TOP



New NAFTA or USMCA: Major Changes for Canadian Businesses

For entrepreneurs, the new North America free trade deal represents stability, lifting a cloud of uncertainty that has hung over the Canadian economy for the past year. The agreement in principle maintains largely tariff-free access to a market of 450 million people. Less uncertainty should lead to greater confidence and encourage entrepreneurs to invest in their businesses. The USMCA technically expires every 16 years, unless all parties commit to renewing it after the first six years. Failure to do so will lead to an automatic expiry after 10 years. After an official signing ceremony which must be held before December 1st, the USMCA will have to pass the difficult step of ratification by Congress prior to becoming law, which in the U.S. will mean a vote sometime in 2019 following the Congressional elections. The coming into force will probably not take place before 2020. In the meantime, NAFTA remains in force. CPCA will continue to monitor Canadian business impacts of the USMCA as well as any supply disruptions that may arise from ongoing US and China tariff actions.

Advancing Competition in a Changing Marketplace

Every year, innovation in the top industrialized countries is tracked by leading authorities on the subject. Canada is ranked 18th in the Global Innovation Index 2018, the same position as in 2017. The United States ranked number 1 overall, which may be another area of concern along with the divergence in corporate taxes with the recent reduction in the US placing their rates lower than Canada's. Overall, Canada ranks 17th among 47 high-income countries. That's like getting a B-minus report card. The Government has a role in creating the right climate for bold ideas to take root and grow. One way this is done is by passing and enforcing competition and intellectual property laws. The Competition Bureau's approach to enforcement and advocacy for competition, innovation and intellectual property. First, it reduces barriers to entry. Secondly, it makes it easier for those newcomers to grow and for incumbents to innovate.

SCC Releases 2017–18 Annual Report: Advancing Solutions, Delivering Results

In 2017–18, the Standards Council of Canada made significant progress on its Innovation Program, which leverages standardization to help Canadian innovators scale up and go global to deliver economic benefit for Canada. The report features case studies to demonstrate how SCC is using standardization solutions to help companies achieve a competitive advantage.

Ottawa Set to Boost Riskier Forms of Renewable Energy

Past Issues

energy.

among "many other" subsidies given to kickstart innovations in the emerging sectors and is just one of the coming announcements as Ottawa boosts riskier forms of renewable

Global Affairs Canada Periodically Requests Input in Preparation for the Upcoming WTO Technical Barriers to Trade (TBT) Committee Meeting

The next meeting will take place in Geneva on November 14-15, 2018. These meetings afford member governments the opportunity to raise specific trade concerns regarding measures that other parties have proposed or adopted. Overly burdensome, discriminatory, or otherwise inappropriate technical requirements can create unnecessary obstacles to trade, reduce competition and prevent Canadian exporters from participating in global supply chains for the sector.

Canada Metal Tariff Exemptions Offer Auto Industry Relief

Canada excluded a long list of steel and some aluminum products from its 25-per-cent tariff on U.S. metal, offering short-term relief to the country's auto sector, which relies heavily on U.S.-made steel. The exemptions, which reduce vehicle and parts manufacturers costs, show the Canadian government is willing to protect autos, a key export industry, even when that benefits U.S. steelmakers.

Government and Industry Collaborate to Develop a Framework for Zero Plastic Waste

The federal government hopes to finalize a Canadian Council of Ministers of the Enviornment Framework for Zero Plastic Waste at their meeting in Ottawa November 23.



COATINGS ON THE LEADING EDGE OF SUSTAINABILITY

Axalta Promotes Sustainable Coating Practice at Indiaskills 2018

For three competitions in a row, Axalta has been supporting India's Biggest Skill Competition "Indiaskills", a biennial event that provides a platform to passionate participants to exhibit their skills on a national level. The winners of Indiaskills 2018 get an opportunity to represent India at 45th WorldSkills Competition at Kazan, Russia in 2019. Axalta's 'Sustainability Practice Award' is presented in the category of Car Painting and focuses on the contestant who has excelled at painting the car without the use of surplus resources and minimized waste. This initiative helps to nurture environmentally responsible mindset among young people to learn from and further implement the practices in their daily lives and in their careers, ensuring a better and more sustainable world.

CoatingsTech: Increased Sustainability Drives Development of Exterior Concrete Coating Technologies

The desire of building decision makers to use protective and decorative coatings on concrete surfaces that in the past may have gone uncoated is a notable driver of this market. A main trend driving the development of new exterior concrete coating technologies has been VOC regulations and environmental labels. Adoption of LEED v4 is also driving interest in cool roof coatings, which is expanding further to cool coatings for the vertical sides of building. sustainable rating programs are similarly increasing the demand for traffic coatings with higher solar reflectance index (SRI) values. There has also

Past Issues

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caused by temperature differentials and air flow.

Azelis' CSR Performance Recognized with EcoVadis Gold Rating

Azelis' corporate social responsibility performance received a Gold rating from EcoVadis. Azelis is now in the top one percent of distributors assessed by EcoVadis and top two percent of suppliers in all categories.

LyondellBasell and Covestro Kicked Off Investment Project in Maasvlakte-Rotterdam

Innovative new technology realizes annual reduction of up to 140,000 metric tons CO2 emissions. The Circular Steam Project incorporates an innovative technology into the existing production plant to convert its water-based waste into energy.



Nominate a Deserving Industry Member or Colleague!

CPCA is pleased to announce the call for nominations for its annual industry awards, which recognizes outstanding contributions made by its members. We are excited to once again honour deserving individuals who have made important contributions to their companies and to CPCA throughout their careers. To nominate someone for one of these awards, please complete the nomination form and send it to Micheline Foucher or by fax at 613-231-4908 by Friday, **January 25, 2019**.

BACK TO TOP









Around 115,000 employees work on contributing to the success of BASF customers in nearly all sectors and almost every country in the world. BASF operates six Verbund sites as well as 347 additional production sites worldwide.

BASF's operations in Canada include manufacturing facilities, R&D activities, and a full range of business and support activities including sales and marketing, supply chain operations, and business development as well as support functions like human resources, procurement, and environmental health and safety. Headquartered in

Mississauga, BASF Canada is a subsidiary of BASF SE, based in Ludwigshafen, Germany and an affiliate of BASF Corporation, Florham Park, New Jersey. BASF Canada alone reported more than \$1.5 billion in sales in 2014, employed 670 employees in 12 production facilities and offices located across Canada. More than 1600+ students benefited from BASF science education initiatives in 2014.

BASF Canada develops, produces and markets a comprehensive selection of raw materials for highly demanding paints and coatings formulations used for architectural coatings, automotive and commercial vehicle coatings or industrial coatings. In addition to raw materials, BASF also offers premium coatings for the automotive industry and bodyshops, as well as decorative paints. In 2016, BASF acquired Chemetall, a global leader in surface treatments. With this expansion, BAAF became a more complete solution provider for coatings.

Globally, BASF aims to strengthen its position as the world's leading chemical company and intends to achieve this in its "We create chemistry" innovation strategy. BASF is also a founding member of UN Global Compact LEAD, a UN exclusive group of sustainability leaders from all regions to generate and implement advanced corporate sustainability practice. BASF's corporate purpose is to create chemistry for a sustainable future by

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oals along its entire value chain. Regarding the assessm

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cent by 2020. BASF will also increase to 28 per cent the proportion of sales generated by products that make a particular contribution to sustainable development ("Accelerators"). BASF is also one of the leading companies in the field of chemical nanotechnology (nanostructured materials and nanoparticles). One BASF research field includes the development of formulations of active components, especially in microencapsulation.



AkzoNobel Specialty Chemicals is Relaunched as Nouryon

The former AkzoNobel Specialty Chemicals is being relaunched as Nouryon, a name that borrows from one of its predecessors. The concept of Nouryon's new brand identity also builds on employee feedback about pride in the company's role as a producer of essential chemicals and history of forming strong partnerships.

PPG Named Paint Supplier Partner of the Year by The Home Depot

PPG recently received THE HOME DEPOT® "Supplier Partner of the Year" award in the paint category for the launch of PPG TIMELESS® interior and exterior paint and OLYMPIC® stains.

Brenntag Canada Opens New Facility in Beauharnois, Quebec

The new facility with approximately 20,000 square-meters will offer a wide variety of other chemical products, as well as services including packaging, storage, and logistics. https://www.brenntag.com/canada/en/canada/media/news/brenntag-canada-announces-the-opening-of-a-new-facility-in-beauharnois-2.jsp

Benjamin Moore Names Metropolitan AF-690 as Its Color of the Year 2019

BM also unveiled its Color Trends 2019, a corresponding palette of 15 harmonious hues that further amplify the cultured grace of Metropolitan AF-690, ranging from ethereal neutrals to frothy pinks to rich blues and greens.

Covestro to Invest €1.5 Billion on New MDI Plant

Covestro recently announced its supervisory board of has approved an investment of around €1.5 billion (approximately \$1.7 billion) to build a new MDI plant in Texas.

Workaround, ALBIS PLASTIC and BASF Optimize Smart Glove for Industrial Applications

ALBIS PLASTIC GmbH and BASF have modified an important component of the smart glove ProGlove, which is already in everyday use by leading branded manufacturers in the automotive, logistics and chemical sectors.



Evonik Names EMCO-INORTECH ULC as Distributor in Canada

Past Issues Assemble to the second public warehousing throughout Canada, EM Past Issues

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insulation's polyurethane catalysts into our product offerings. It will complete our extensive portfolio and will help to ensure growth and future innovation in the Canadian market," said Jean-Baptiste Moranta, vice president of sales, marketing and operations for EMCO-INORTECH ULC.

Hempel Group Completes Acquisition of J.W. Ostendorf

Hempel received both the German and the UK authority's formal approval to acquire 65 percent of J.W. Ostendor, making the joint venture official. The acquisition also includes Decorative Europe as part of Hempel.

PPG to Acquire Automotive Refinish Products Manufacturer SEM Products, Inc.

PPG reached a definitive agreement to acquire SEM Products, Inc., a U.S.-based manufacturer of specialized automotive refinish products. The transaction is expected to close in the fourth quarter 2018, subject to customary closing conditions.

LINE-X and Ultimate Linings Form IXS Coatings

The merge combines both companies' product lines to give industrial and manufacturing customers more choices for their protection and surface enhancement needs.

Meridian Adhesives Group Announces Third Acquisition

Meridian Adhesives Group acquired W.F. Taylor LLC from Dominus Capital L.P.

U-C Coatings Completes Contechem Acquisition

High Road Capital Partners' portfolio company U-C Coatings has completed the acquisition of Contechem.

DAW Enters New Partnership with Datacolor

Datacolor, a provider of color management solutions, has teamed up with German paint manufacturer DAW to bring its "Color Reader Pro" color measurement solution to the market.



Cloverdale Paint Appoints New Health, Safety and Environment Affairs Manager

Effective October 11, Darcy Fysh, *CRSP*, is new Manager Health, Safety and Environmental Affairs at Cloverdale, replacing Kevin Hoffer.

New Chair and Vice-Chair appointed to CIAC Board of Directors

The Chemistry Industry Association of Canada welcomes Marcelo Lu, President of BASF Canada, as Chair of the Board of Directors for 2018-2019 and Ed Bechberger, President for ERCO Worldwide, as Vice-Chair.

Terrence Hahn Resigns, Axalta Names Interim Chief Executive Officer

Axalta Coating Systems Ltd board of directors appointed Robert Bryant, Axalta's Executive Vice President and Chief Financial Officer, to the additional role of interim Chief Executive

Past Issues

Translate
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Hahn unrelated to financial matters that Axalta believes was inconsistent with company policies.

PPG Appoints Vincent Robin as President, Asia Pacific, VP, Automotive OEM Coatings, Asia Pacific

PPG appointed of Vincent Robin as president, Asia Pacific region, effective Jan. 1, 2019. Robin will also replace Mike Horton, current president, Asia Pacific region, and VP, protective and marine coatings (PMC), who will retire on Jan. 1.

BASF's Supervisory Board extends appointment of Michael Heinz

The Supervisory Board of BASF SE extended the appointment of BASF Board Member Michael Heinz (54) until the end of the Annual Shareholders' Meeting in 2024. Heinz has been a member of BASF's Board of Executive Directors since 2011.

BACK TO TOP





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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

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Past Issues

Chemquest: The State of the US Paint & Coatings Industry: Nine Years Following the Great Recession - Where Do We Stand?

George Pilcher, Chemquest, lists new-to-the-market materials in the August cover story of CoatingsTech Magazine and advises suppliers of raw materials to test and validate their new products in a variety of coatings technologies through 3rd-party laboratories that can provide unbiased results for consideration by paint formulators as "proof of concept" documentation. Paint makers that need to create new coatings properties for their formulations are urged to review his list of new raw materials.

Industrial Liquid Coatings to Reach US\$70B by 2025

Growth in the global oil and gas sector and supportive government policies in emerging economies to boost manufacturing are the prime factors for growth in the industrial liquid coatings market. The report predicts that e-coats will account for more than 10 per cent of the overall segment share by 2025. The general industrial segment is likely to have the highest share of over 60 per cent by 2025.

Nano Coatings Market Research Until 2023

This report covers the production, revenue, price, market share and growth rate for antifingerprint nano coatings, anti-microbial nano coatings, easy-to-clean & anti-fouling nano coatings, self-cleaning (bionic & photocatalytic) nano coatings and other nano coatings.

Automotive Coating Market to Exceed EUR3.1B by 2026

Current trends for automotive coating and its application process are aggravated by its shrinking cost of manufacturing, delivering buyer satisfaction by means of corrosion protection and enhancing aesthetic features, along with mitigating environmental concerns. The advent of the new smart coatings has almost alleviated the problem of corrosion, appearance and durability of car topcoats making them perfectly acceptable for lifetime of any vehicle.

Anti-Corrosion Paints Market With Top 20 Countries Data: Trends, Application, Product Types, Forecast From 2018-2025

US is the largest Manufacturer of Anti-Corrosion Paints Market and consumption region in the world while China is fastest growing region. Top manufactures include for Anti-Corrosion paints market such as: AkzoNobel, PPG, Sherwin-Williams, Henkel, Valspar, Jotun, RPM International, Nippon Paint, BASF, ENECON, Hempel A/S, Axalta Coating System Ltd., Kansai Paints.

Poly Urea Coating Market: New Research & Innovation 2018–2024

VersaFlex, PPG Industries, Sherwin-Williams, Rhino Linings, Nukote Coating Systems, and Specialty Products are the well-known market US players dominating the global Poly urea coating market.

Global Aviation Adhesives and Sealants Market 2018 Analysis

The **top manufacturers** in this market are 3M, Henkel AG, PPG Industries, Illinois Tool Works, Huntsman International, Bostik (Arkema S.A.), and Dow Corning Corporation.

Green Packaging Market to Grow at a CAGR of 8 Per Cent to US\$95B By 2022



Economic Forecast for Canada

Past Issues

FocusEconomics analysts predict a growth at 2.0 per cent in 2019, unchanged from last month's forecast, and 1.6 per cent in 2020. A rock-solid external sector, bolstered by the USMCA, as well as stronger oil and gas exports, should increasingly support activity over the medium-term. However, US policies are likely to send ripples through the global economy as a result of a third round of US tariffs on Chinese products to increase from 10% to 25% on Jan. 1. These headwinds are starting to throw the global economic upswing out of sync and this will likely have some indirect effect on the Canadian economy, despite the current GDP economic boom of 4.2 per cent in the US. The Wall Street Journal notes that the dispute between the two countries is part of a larger conflict over world technological, economic, and geopolitical dominance that has developed over the past few decades, as China has become a legitimate rival to the US.

Canada Recently Passed a Carbon Tax

Under the Greenhouse Gas Pollution Pricing Act, Canada will implement a revenue-neutral carbon tax starting in 2019. The federal carbon pollution price will start low at \$20 per ton rising at \$10 per ton per year until reaching \$50 per ton in 2022. Several Canadian provinces have already implemented or plan to implement carbon pricing systems: B.C., Alberta, and Quebec. Several other provinces (NWT, Nova Scotia, PEI, NFLD and Labrador) have planned or proposed carbon pricing systems that will meet the federal requirements. The federal carbon tax will be applied to the remaining provinces. As a result, all Canadians can expect energy prices to rise and higher fuel costs. The federal carbon tax includes a series of rebates for individuals but not for businesses.

Deloitte Partners to Publish Artificial Intelligence Innovation Report

If you are interested in how AI can be used to transform your business and workflow, then this report is a must-read.

S&P Scrutinizes ESG Issues for Global Ratings

Environmental, Social and Governance (ESG) factors can and do affect a finance entity's cash flows and likelihood of default, and thus finance companies are placing an everincreasing focus on disclosure from borrowers. But public finance entities, themselves, are also facing increased focus on ESG disclosure: S&P Global Ratings, for example, incorporates.

Manufacturing the Next Generation

The top ranked nations in overall manufacturing environment were the United Kingdom and Switzerland (both with 78 points out of 100), followed by the United States (77 points), Japan (74 points), and Canada (74 points). They found these nations out of 19 performed well due to their policies, cost considerations, workforce investments, and infrastructure.



Past Issues

National home sales market fell 13.9 per cent year over year last month.

Canadian House Prices Falling, but Overvaluation Still Moderate

The CMHC Housing Market Assessment (HMA) continues to indicate a high degree of overall vulnerability at the national level. The HMA still detects overvaluation in Vancouver, Victoria, Toronto and Hamilton and evidence of overbuilding remains high in Edmonton, Calgary, Saskatoon and Regina. The Montréal resale market is close to overheating, This is a result of a sharp tightening between supply and demand.

CHMC Publishes 2018 Mortgage Survey Results

Concern or uncertainty about buying a home has decreased steadily for four consecutive surveys (37 per cent of homebuyers compared to 51 per cent in 2015).

Focus on Industrial & Automotive

Canadian Auto Sales Plunged in September, Largest Drop since 2009

New light vehicle sales were down by 7.4 per cent in September compared with the same month last year for the largest monthly drop since 2009.

ScotiaBank Report: USMCA Could Increase Cost of Vehicles

Over the longer-term horizon, USMCA's extra administrative requirements and higher wage costs will likely increase the price of North American cars and reduce the international competitiveness of the industry – with the possible result that some production is eventually shifted overseas rather than re-shored to the U.S.

AkzoNobel Releases 2019 Wood Coatings Trends

AkzoNobel Amsterdam presented its predictions for top wood coatings trends at the Fall 2018 High Point International Home Furnishings Market in High Point, North Carolina. Robert Haley, Color Trends Manager for AkzoNobel's Wood Coatings Business along with Color Design Manager Bob Avarett, identified four trends for 2019 designs regarding wood coatings, which were released in an emailed press release and are already influencing many designs: Dichotomy, Authentic, Luminous and Retro-Classic.

The Forgotten Transportation Tiers

Understandably, the original equipment manufacturer (OEM) tends to be the primary focus when analyzing the automotive market (or the broader transportation markets) due to the sheer size and technical scope of OEM bonding requirements and its relatively large volume of adhesives and sealants usage. However, by focusing predominately on OEM assembly – at the exclusion of other transportation subsegments such as Tier I, II, and III parts, components, and subcomponents –much of the innovation enabled by adhesives and sealants can be overlooked.



Self-Healing Mechanisms in Smart Protective Coatings

Scientists recently published a report with a comprehensive and updated overview of selfhealing mechanisms in intelligent protective layers.

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Elements

CoatingsWorld spoke to Dr Tobias Robert from the Fraunhofer Institute for Wood Research about challenges and chances.

Testing the Rheology of Adhesive Materials

Manufacturers of adhesive materials conduct various physical property tests to develop performance specs for their product.

Clear Separation: New Adhesive for Better Recycling

A thermolabile and reversible adhesive developed at the Karlsruhe Institute of Technology (KIT) makes it possible to clearly take high-tech products such as mobile phones apart into their raw materials.

Wood Sponge Soaks Up Oil from Water (Video)

Researchers have created sponges made from wood that selectively absorb oil, and then can be squeezed out and used again. The team made the wood sponge by treating natural balsa wood with chemicals that removed lignin and hemicellulose, leaving behind a cellulose skeleton. They then modified this highly porous structure with a hydrophobic coating that attracted oil, but not water.



Can Nano TiO2 Outperform the Traditional Pigment Market In The Near Future?

According to the President of Advanced Materials JTJ, the real volume market for nano TiO2 is in protective intelligent multifunctional coatings, not just to accelerate plastic decomposition under daylight. For interior applications, nano TiO2 coatings can eliminate viruses, bacteria, mold and allergens concentrations to reduce airborne infections and the number of sick days, while increasing comfort of living. At the same time, the nano TiO2 coatings are 3-10x more ecological at air purification than traditional air purifiers. Adoption will take time as with anything else, but the nano TiO2 market is growing much faster than the traditional pigment market.

Focus on Industrial & Automotive

Antifouling: Using Fouling Release films

As many biocides face regulatory pressure, biocide-free fouling release coatings are increasingly the focus of R&D. Fouling release films constitute a different approach. Please see this interview with Dr Ricarda Heckel of Renolit.

Considering the Effect of Graphene Loading in Water-based Epoxy Coatings

Researchers have investigated the effect of graphene as a potential additive for anticorrosive organic coatings.

Nippon Paint Marine Introduces Biocide-Free SPC Antifouling

Nippon Paint Marine introduced what is believed to be the world's first biocide-free, low friction self-polishing copolymer antifouling technology.



Sustainable Industrial Processing Summit 2018 November 4-7, Rio de Janeiro, Brazil

Car Body Painting 2018 November 5-6, 2018, Bad Nauheim, Germany

Past Issues

Composition of Reactive Sealants and Adhesives November 13, Amsterdam

Symposium on Joint Research Project "Foulprotect" at the European Coatings Show Conference 2019 March 18-19, 2019, Nuremberg, Germany

Colour Technology of Coatings Seminars Module 1 February 11-12 & Module 2 February 13-15

Fraunhofer IFAM, ChemQuest EWF-European Adhesive Bonder (EAB) Course May 6-10, 2019

Biobased Coatings Europe 2019

June19-20, 2019, Düsseldorf, Germany

15th Coatings Science International Conference (CoSI) 2019 June 24-29, 2019, Noordwijk, Netherlands

Publications/Courses

- Conference Board of Canada: What the Legalization of Cannabis Means for Canadian Employers
- MPI Architectural Painting Specification Manual (ASM)
- Water-Borne Coatings: Best of EC Journal
- Is Your Supply Chain Fit for the Future
- How Content Influences the Purchasing Process
- A Guide to Understanding Color
- ARC Whitepaper: Improve Manufacturing Agility, Productivity, and Profitability
- The Compliance Complexity Index 2018: Meeting the Global Challenge of Evolving Corporate Compliance

CPCA PARTNERS

BCF Publishes 'No Deal Guide' for Members as Brexit Talks Stall

The guide presents the "worst-case scenario," where the UK would no longer have access to the EU single market, customs union or the European Chemicals Agency (ECHA) from March 30, 2019, or Jan. 1, 2021, depending on whether an implementation period has been negotiated.

Pacific Northwest Society for Coatings Technology: Northwest Coatings Fest 2018

The PNWSCT Northwest Coatings Fest 2018 was held last month in Victoria B.C. Thelma Longakit, Laboratory Manager at Cloverdale Paint, and her Technical Committee have put together a great series of talks, covering the hottest topics for coatings formulators and manufacturers such as the latest research, technology and top trends! The PNWSCT is a constituent society of the American Coatings Association (ACA). Their mission is "to provide technical education and professional development to its members and to the global industry through its multi-national Constituent Societies and collectively as a Federation."

ACA Industry Market Analysis: ChemQuest is Looking for Information on Novel Raw Materials for Inclusion in Future Industry Outreach

To qualify, your material must meet the following standards:

- In commerce after March 1, 2017
- Product cannot represent a "minor tweak" to an existing product
- Product must be distinct from existing chemistry
- Written statement that the above qualifications must be provided, along with product SDS and TDS

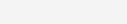
If selected, product references may be published in future articles profiling new technologies and/or the upcoming ACA Industry Market Analysis, 10th Edition (2018 – 2023).

Alberta Recycling Management Authority Welcomes Used Oil Materials Program

The transfer of the Alberta Used Oil Materials Recycling Program from the Alberta Used Oil Management Association (AUOMA) to the Alberta Recycling Management Authority is now complete. To ensure effective industry input and involvement, Alberta Recycling has established the Used Oil Recycling Alberta Industry Council. The Industry Council consists of five former AUOMA Board members who will bring continuity and their collective expertise to the council.

BACK TO TOF

Past Issues







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

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

A members-only publication addressing relevant issues for those involved in management, sales and marketing in member companies.

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 Prime Time NEWS, October 2018

