

ThinkZinc

Quarterly




PRODUCT SHOWCASE

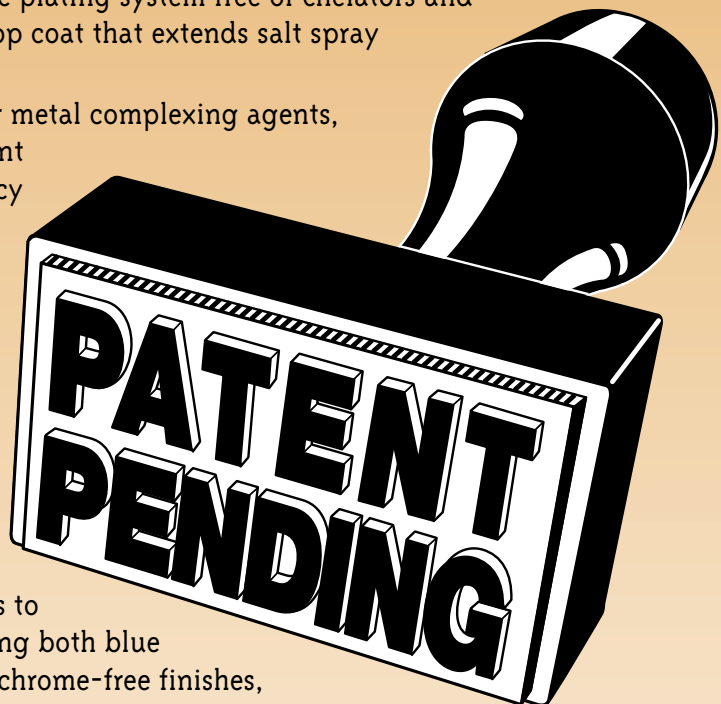
NEW PATENTED TECHNOLOGIES ROCK THE FINISHING INDUSTRY

After years of research and development, patent applications have been filed by Columbia Chemical for two new processes that are about to rock the finishing industry: EXCEL™ 804 a new alkaline non-cyanide zinc plating system free of chelators and silicates, and ZincBond™, a new thin-film top coat that extends salt spray hours for zinc plate.

EXCEL™ 804 is totally free of e.d.t.a., other metal complexing agents, and silicates, eliminating the waste treatment concerns and compromised plating efficiency problems associated with such processes. EXCEL™ 804 provides optimum brightness, excellent plate distribution, and superior ductility. Easy to maintain, EXCEL™ 804 is an exceptional choice for all alkaline cyanide-free applications worldwide. Currently running successfully in production at three facilities, EXCEL™ 804 is available now.

ZincBond™ is a simple-to-use top coat that is applied over passivated zinc deposits to extend salt spray hours. Capable of producing both blue and really good-looking yellow hexavalent chrome-free finishes, ZincBond™ is so effective that it can be used over standard/inexpensive thin-film trivalent passivates to achieve the new automotive requirements for corrosion resistance. Zinc platers no longer need to consider overpriced, thick-film trivalent passivates and other hard-to-use exotic coatings because the new technology in ZincBond™ provides a more economical and less complicated alternative. The thin-film characteristics bond directly with the passivated zinc film to provide no noticeable film thickness in comparison to lacquers or other top coats. ZincBond™ provides an even coating that does not affect variations in part dimensions, such as the threads on nuts and bolts. Parts can also be heated after processing without significant loss to corrosion protection. The new process remains stable in the tank for an extended period of time. Simple maintenance additions are typically all that are needed to replace drag out for both rack and barrel operations. Now in the testing and automotive approval stage, ZincBond™ will be available soon for sampling.

For samples or more information on our two new processes, contact Columbia Chemical Research and Development Manager Bob Ludwig at bob.ludwig@columbiachemical.com. 






CHEMITHON-MICEL BROADENS PACIFIC NORTHWEST MARKETS FOR COLUMBIA

Chemithon Surface Finishing, Inc, headquartered in Seattle, WA, recently acquired Columbia Chemical's long-time distributor, Micel, Inc. of Anaheim, CA, opening new doors in the Pacific Northwest territory for Columbia products. Chemithon-Micel, Inc. now covers 12 western states, the western provinces of Canada, and areas of Northern Mexico.

"Columbia Chemical is a very responsive vendor," says Chemithon President Jerry Toussaint. "We go in as a dynamic team because Columbia provides great technical service, analytical and sales support."

Chemithon Vice-President Ralph Herrscher concurs. "Our customers are very well satisfied with the high quality and dependability of Columbia Chemical products," he adds.

Both Chemithon and Micel have been in business more than 30 years as respected manufacturers of proprietary chemicals, and distributors of other chemicals and equipment for the metal finishing and printed circuit industries. Chemithon-Micel Surface Finishing, as the company is now known, operates as a wholly owned subsidiary of Chemithon Surface Finishing. The company is now the largest regional provider of equipment, processes and supplies to the industries they serve. They engineer, design, fabricate and install complete plating systems including effluent waste treatment, and can supply everything from a single tank to a turnkey computerized plating facility.

We welcome our broadened opportunities to provide the latest technology to Chemithon-Micel customers now and in the future. 




SUR/FIN 2003 A SWEEPING SUCCESS

Columbia's exhibit was well attended at SUR/FIN 2003, the number one conference for the electroplating and surface finishing industry, held in Milwaukee this past summer.



Friends from EPI took a break from working their booth to stop and chat with Columbia Chemical representatives. Pictured from left to right are: EPI Representative John Cheng, Columbia Sales Manager Brett Larick, Columbia Sales Manager/Far East Martin Gall, Columbia Technical Manager Rick Holland, and EPI Lab Technician Dina Borysenko.

BREAKING NEWS

- Sales Manager Brett Larick and his wife Andrea had a healthy baby boy on August 16th. Connor James Larick, 7 pounds, one ounce, joins his older sister, Morgan.
- Export Coordinator Marcia Rybacki attended a three-day course last month for IATA/Dangerous Goods. She is now certified. In fact, her test score was 100%! 

MEET OUR ZINC PLATING EXPERTS

QUALITY CONTROL / SERVICE LAB TECHNICIAN

Quality control testing and reporting is one of the most important services performed by Columbia Chemical – which is why Mike Bennington was hired as quality control/service lab technician. Conscientious and thorough, Mike is responsible for testing of all raw materials, intermediates and finished goods, as well as for certificates of analysis and specification sheets for all new, changed and tested products. A graduate of Lorain Community College, Mike comes to us from Goodyear Tire and Rubber Company, where he worked in the Dynamic Testing Lab.



Mike Bennington, Quality Control/Service Lab Technician


When weather permits, Mike enjoys motorcycling on his Honda CBR with friends. In the winter he is content to spend his off hours unwinding on the couch in front of the television.

TECHNICAL SERVICE REPRESENTATIVE

Brett Tilberg was promoted to technical service representative, specializing in securing approvals from Ford, General Motors, and Chrysler for Columbia Chemical plating processes used in automotive applications. He also provides technical support through troubleshooting and analysis of plating solutions. With two years under his belt as service lab technician for Columbia, Brett is adept at assisting in competitive product evaluations and laboratory conversions of competitor processes.



Brett Tilberg, Technical Service Representative

A graduate of Bowling Green University, Brett just started a Master's Degree program at Cleveland State University with an emphasis on science. Still single, Brett enjoys playing softball and playing golf as much as he can when he is out of the lab environment. 

METALITE AND COLUMBIA TEAM UP TO SERVICE P.R. CHINA

Columbia Chemical has teamed up with Metalite in P.R. China (People's Republic of China) to service the Far East region of the globe.

Our second exhibition joint venture with Metalite will be at the S.F. China 2003, the 16th China International Exhibition for Surface Finishing and Coating Products, which is the major international Chinese surface finishing show. The event will be held November 5 – 7 in Shanghai Mart. Columbia's booth number is E-221; Metalite will be next door at E-220.

Metalite is a joint partnership between Mr. Yang, Wuhan Fengfan Chemical Co. in Wuhan, China and Mr. Ramli, BMM in Jakarta, Indonesia. Together, the two have over 45 years of experience in the metal finishing industry. Mr. Yang is currently the vice-president of the China Surface Finishing Society, the largest metal finishing organization in China.

Metalite is directed by Mr. Ma, (pictured 2nd from the right), who has over 20 years in the industry. Mr. Ma is also



involved in the local branch of the China Surface Finishing Society. One of the many focuses of Metalite is to offer "Huan Bao," environmentally friendly products, into the Chinese market. These "green" plating additives, as they are called, are products such as Columbia's ACF-II alkaline non-cyanide process.

Our technical manager, Rick Holland, recently



Shop Owner, Mr. Wang Bao Lin (2nd from right) shows off a freshly plated shopping cart.

traveled to China to visit customers with Metalite and to provide technical support. 



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ELEVENTH issue of
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I WOULD LIKE TO RECEIVE MORE INFORMATION ABOUT:

- Processes for acid chloride zinc plating
- Processes for alkaline cyanide-free zinc plating
- Trivalent chromates
- Processes for acid tin plating
- Top coats & lacquers
- Rinse aids
- (Other) _____

Name _____ Company _____

Telephone Number _____ E-mail _____

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