



## EDITOR'S NOTE

### Meeting Promised Targets

— Mr. Darrell J Reeve

2015 is quickly passing and many of the promises you made regarding changes to your surface finishing businesses this year have still not been achieved. The current economic slow-down in China has caught many companies by surprise and has made those aspirations more difficult. Many economists around the world have stated that the downturn was to be expected and is really just a correction to bring the manufacturing boom back to where it should be. Nevertheless, the Chinese economy is still growing quite fast in comparison to many other countries and you should not let this adjustment interfere with the longer term goals. [\(Click to Read the magazine\)](#)

## COATING APPLICATIONS & PRODUCTS

### Electrocoat

#### Measuring E-coat Throwpower

— Mr. Joseph Subda, Axalta Coating System

Axalta Coating Systems is a global coatings company dedicated solely to the development, manufacture and sale of liquid and powder coatings. Axalta provides a range of performance and transportation coatings for manufacturers of light and commercial vehicles, the refinish aftermarket and for many industrial applications. Our innovative products and services include paint, color matching tools, application technologies and customer training, support and business management systems. [\(Click to Read the magazine\)](#)

### Insider View

#### Developing More High-tech & Unique Technology

SFJ has conducted a short interview with Mr. Zhan Tianfu, Deputy General Manager of Chingfeng. Mr. Zhan has shared with us with his views on the metal pre-treatment industry in China, and he has disclosed the highlighted exhibits for SFCHINA 2015 this November.

[\(Click to Read the magazine\)](#)

## ELECTROPLATING & PRODUCT FINISHING

### Lacquers - Electrophoretic, Nano Spray & Conventional

#### A New World for Electroplated ABS/Plastics

— Alper Duzgun, AAP Coatings, Turkey

Electrophoretic coating provides protective and decorative finishes on to conductive substrates and often used to simulate coloured finishes like copper, brass, gold colour and to have various opaque or clear colours on substrates. Electrophoretic deposition (EPD), is a term for a broad range of industrial processes which includes electrocoating, e-coating, cathodic electrodeposition, and electrophoretic coating, or electrophoretic painting. [\(Click to Read the magazine\)](#)

### Electroplating Waste Metal Recovery

#### Metal Recovery from Electroplating Rinse Waters – The Chemelec™ Systems

— Stephen van Loggerenberg, NMT Electrodes, South Africa

Electrolysis, the process by which metals are deposited during electroplating, can also be used to solve some of the effluent and metal loss problems present in the plating shop. A major source of metal loss and pollution is the drag-out from the plating tank into the first rinse tank. [\(Click to Read the magazine\)](#)

### CleanTech

#### Ultrasound-based Fine Cleaning of Carbide & High-speed Steel Cutting Tools - A Cleaning Process for Optimum Coating Adhesion

— Application Report: UCM AG / KOMET GROUP GmbH

In machining technology, the trend is towards ever increasing speeds, accuracy and tool life – and the KOMET GROUP addresses these requirements with innovative tool developments relating to, e.g., indexable inserts, drills and the associated coatings. A special cleaning process developed by UCM AG of Switzerland helps to optimize coating adhesion. [\(Click to Read the magazine\)](#)

### Environmental Challenges

#### Life Cycle Assessment in Surface Finishing

— Mr. Darrell J. Reeve, UNEP / UNIDO Consultant in Metal Finishing

The writer has been asked about this topic a few times recently in regard to its application to our surface finishing industry. Life Cycle Assessment (LCA) is a common topic in environmental circles and is associated closely with issues such as eco-design, environmental benchmarking, total product stewardship and eco-labelling [\(Click to Read the magazine\)](#)

## Regular Columns

### Industry News

- PPG Completes Acquisition of IVC Industrial Coatings
- AkzoNobel Adds Online Ordering Platform for China Vehicle Refinishes Market
- Formica Launches a Refreshed Portfolio of High Pressure Laminates in Asia [\(Click to Read the magazine\)](#)

### Product Showcase

- Axalta Unveils New Sustainable Coatings for China's Commercial Vehicle Market
- Coating Thickness Gauge CMI250 from Oxford Instruments
- Hempel Launches New Primer to Improve Two Coat System for Wind Towers
- Adhesion Pretreatment Enables Plating on Composite Parts [\(Click to Read the magazine\)](#)

### Trade Shows & Forums [\(Click to Read the magazine\)](#)

### Advertisers' Index [\(Click to Read the magazine\)](#)



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