

# RadTech Report 2006

## A Year in Review

The following is a list of articles that appeared in the *RadTech Report* in 2006. These articles provide valuable information and data for the UV&EB industry. For a copy of a specific issue, contact RadTech at (240) 497-1242 or visit RadTech's Web site at [www.radtech.org](http://www.radtech.org) to download a specific article.

### January/February 2006—Buyer's Guide

- UV&EB Industry Buyer's Guide
- Pilot Lines & Toll Coaters
- UV Glossary of Terms

### March/April 2006—e|5 2006 Conference Issue

- Compliant Coating Options & Application Technologies  
—By John Stansfield
- UV-Curable Hotmelt Adhesives for Self-Adhesive Insulation Materials in Automotive Applications  
—By Andreas Dobmann and Benno Blickenstorfer
- Electron Beam: One Way to Mitigate Rising Energy Costs  
—By Rick Sanders
- UV and the Sign Industry—A Case Study  
—By Patty Leeseemann
- Columbus Discovers UV Powder—A Case Study  
—By Steve Couzens
- New Market Opportunity for UV-Curable Adhesives Wet-Wipe Closure Systems—By Nicole O'Brien
- Flexible and Rollable Displays—A Technical Overview  
—By R.C. Liang
- Radiation Curing for Packaging—By Adam Page
- Fast UV—A Curable Clearcoat—By Kurt Dietliker, Katharina Misteli, Tunja Jung, Katia Studer, Patrik Contich, Johannes Benkhoff and Eugene Sitzmann

### May/June 2006—Wood and Building Products

- UV or Not to UV—A Small American Manufacturer Takes a Technological Leap—By Doug Hatch
- Selecting UV-Curing Equipment for Wood and Building Products Applications—By Susan Mitchell
- Pine River Manufactures New Log Siding Product Using UV Coatings—By Mike Way, Dan Sweetwood and Bruce Byers
- UV-Curable Interlayers for Glass Lamination—By Carol Vargas
- UV Powder Goes to the Garage—By Steve Couzens
- Wood Finishing with UV-Curable Coatings  
—By Lawrence C. Van Iseghem
- Armstrong's Wood Coatings Quality Journey  
—By Jeffrey S. Ross and Gary A. Sigel
- Designers Add UV to Tool Box for Help in Creating New Products—By Mike Knoblauch
- A Comparison of Application Methods for the Wood Coatings Market—By Kyle Sass

### July/August 2006—UV&EB in Recreation, Transportation and Defense

- Development of Corrosion Resistant Energy-Curable Coatings  
—By Alex Mejiritski, Thomas Marino, Dustin Martin, Daniel J. Berger, Andrei V. Fedorov, Kelechi C. Anyaogu, Andrey A. Ermoshkin and Douglas C. Neckers
- UV-Cure Military Aerospace Coatings—An Emerging Market  
—By Joel A. Johnson and Corey Q. Bliss
- UV Finish Improves Quality, Boosts Production Efficiency for Meridian Yachts—By Chuck Susnis
- Electron Beam Processing for Aerospace Composites  
—By Morris A. Johnson
- UV-Curable Aerospace and Aircraft Coatings—By Nese Orbey

### September/October 2006—Collision Repair, Aftermarket and Automotive

- Safety Testing of UV-Curing Equipment for the Automotive Refinish Industry—By Gary Caldwell
- UV-A Curable Putties for Automotive Spot Repair  
—By Marla deLombard-Watts and Jon Shaw
- Trends and Drivers Toward the Adoption of UV Technology by the Automotive Industry—By Kevin Joesel
- UV-Curable Automotive Sealants—By Eli Kendra
- UV-Plasma Curing: Capture the Third Dimension—By T. Jung, P. Simmendinger and W. Tobisch
- Acrylate Monomer-Free UV-Curable Technology for Auto Refinish  
—By Michael Jeffries, Charles Gambino and Joe Pierce
- Microwave Multi-Lamp UV Systems-Physics and Technology  
—By Vlad Danilychev

### November/December 2006—UV&EB Bonding and Emerging Applications

- Photocurable Materials for Mouthguards—By Charles E. Hoyle, Trenton Gould, Scott Piland, Huanyu Wei, Brian Phillips, Sergei Nazarenko, Askim F. Senyurt and Michael Cole
- X-ray Curing of Adhesives—By Anthony J. Berezka
- The Potential Use of UV for Flexible Displays & Illuminated Clothing—By John Bell
- uv.eb WEST 2007 Show Preview
- UV-Curable Inkjet Inks Revolutionize Industrial Printing  
—By S.E. Edison
- New Developmental UV-Curable Pressure Sensitive Adhesives  
—By Victor Lu, Jeffrey Wang, Brian Maxwell, Sarah Shinkwin and Jim Stockhausen
- Emerging Applications for UV&EB—A Regulatory Perspective  
—By Rita Loof
- Ink Bonding Properties of EB-Cured Adhesive Laminates for Flexible Packaging—By Stephen C. Lapin