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NEWS

FOR IMMEDIATE RELEASE – June 1, 2010

Galaxy Associates to Present “*Modern Transition Metal Coatings FAQ, Hints & Tips*”, at the CCAI National Meeting, to be held June 29, 2010 in Sarasota, FL.

Galaxy Associates, Inc., a Cincinnati-based supplier of specialty chemical products, is excited to announce that, David Chalk, Ph.D., will conduct a seminar on “Modern Transition Metal Coatings FAQ, Hints & Tips” at the CCAI National Meeting to be held on June 29. An outline of this presentation can be found below:

Outline: “Modern Transition Metal Coatings FAQ, Hints & Tips”

1. Historical Review and Current Status of TMC Market

- 1980-1990 Chromium is targeted for removal from all metal finishing processes.
- Feverish development of non-Cr applications began. It was the most challenging time for chemists in the finishing industry to that date.
- DI water for final rinsing expands.
- 1990’s Non-chrome seal rinses emerged in three types, acidified, reactive, and dried in place. DI & RO gain popularity.
- Aluminum processors used early precursors of nano products in DIP technology in anodizing / pretreatment and coating.
- 2000 Dry-in-Place organic and reactive inorganic conversion coatings for aluminum become available.
- Cr-free seal rinses begin to achieve corrosion resistance of Cr. In 2010 we don’t really miss the chromium.
- 2007 Zirconium conversion coatings become mainstream; the first hint of market shift seen.
- 2010 All large and some small chemical companies now offer at least some non phosphate and transition metal coatings.
- True acceptance and market shift.

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2. Frequently Asked Questions

- What does it look like?
- How is it different (from traditional)?
- How is it the same?
- Do I get better salt spray hours?
- How much does it cost?
- What about waste treatment?
- What can go wrong?
- Is it for me?
- What do I do next?

3. Hints and Tips for Users

- Choose a supplier/technology. Ask for references.
- Baseline your current system for corrosion performance.
- Start panel/part studies of evaluate and document potential for improvement.
- Invest in stainless components and a RO water source and plumbing.
- Add more rinsing, and then add some more.
- Make your conversion with confidence.

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For additional information, please contact us or your local Galaxy Representative.

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