

QUEST INDUSTRIES, LLC

www.questllc.com

Container Decorating News

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BUSINESS DEVELOPMENT:

Shri Pradhan
908-851-9070 x17
Cell: 973-723-4677
Shripradhan@questllc.com

CUSTOMER SERVICE:

Kathleen Gacias
480 Mundet Place
Hillside, NJ 07205
908-851-9070 x31
Kathleengacias@questllc.com

Amit Chaubal
10801 Laurel Hill Dr.
Frostburg, MD 21532
301-687-0900 x3004
Amitchaubal@questllc.com

Marizol Manas
2518 Boeing Way
Stockton, CA 95206
209-234-0202 x32
Marizolmanas@questllc.com

Spray Coating as a Substitute for Acid Etch

In an effort to continually provide solutions to customers, Quest has successfully commercialized an alternate process to acid etching (chemical frosting) for decoration of glass containers. The glass containers are spray coated using a ceramic paint, without sacrificing effects of frost appearance.



The spray frost is environmentally safer compared to the toxic chemicals used in acid frosting. Additional benefits include availability of various colors, tints to give an upscale frosted look to the package.

Even if the glass container is coated with a hot end or a cold end treatment, unlike the acid frost, spray frost provides uniform coating.

Spray frost has silky feel, smooth texture and is durable to withstand glass to glass contact during transportation of the bottles as well as high speed filling lines.



Solution to a Decoration Challenge

Quest researched and developed a process which was effective in solving a challenging decoration application. The process comprised of adhesion of metallic medallion inside the indentation on the front panel and with a clear view from the back panel. This was achieved by formulating a special adhesive and applying the medallion with an innovative tooling design.



Quest Industries, LLC Applying Innovation and Creativity to Decorating

