

RevTech Offers Glass-Decorating Option



Glass decorators constantly search for ink systems and imaging methods to help them reduce or omit heavy metals from the products they decorate. But finding heavy-metal-free colors that are bright and efficient to process has been a continual challenge. Now the RevTech unit of Revlon Consumer Products Corp., New York, NY, offers ENVIROGLUV™, a new decorating system that provides lead-free inks that can be cured into bright, durable designs. More importantly, the new decorating option lets users create graphics on glass containers

without firing the products in a lehr or kiln after printing.

Featuring a full range of opaque colors, including chromium-free bright yellows, cadmium-free reds, and raised gold, silver, and other nontoxic metallics, the ENVIROGLUV system won the 1995 Innovation Award from the Coalition of Northeastern Governors (CONEG). The system, which uses screen-printed UV inks and high-speed curing technology, produces decorated glass containers in a fraction of the time required with traditional fired-on colors. And since ENVIROGLUV inks require no firing, decorators can avoid the cost and operating expense associated with a kiln.

For printers who are interested in licensing the glass-decorating technology from RevTech, the ENVIROGLUV system is being manufactured and marketed exclusively through Graphics International Group of Canada (GIG). "There may be no significant upfront investment for use of ENVIROGLUV because existing equipment can be retrofitted to perform the ENVIROGLUV process," points out the inventor of the technology, Melvin E. Kamen, senior vice-president of advanced technology at the Revlon Research Center. However, GIG is also developing a standalone turnkey system that incorporates curing technology from Fusion Systems, Inc. and optimizes the efficiency of ENVIROGLUV technology.

RevTech has been using the technology for the past two years to decorate bottles for Revlon® Nail Enamel (shown above) and Age Defying and ColorStay™ makeup. During the Society of Glass and Ceramic Decorators' Deco '96 exhibition in Orlando, FL, last October, the firm illustrated how the system could be used on beverage containers by showing samples of a three-color design it printed and cured on 7-oz beer bottles at a rate of 1200 bottles/hr.

For more information about the ENVIROGLUV system, contact RevTech, 625 Madison Ave., New York, NY 10022, 212-527-4052, or GIG, 110 Travail Rd., Markham, ON L3S 3J1, Canada, 905-471-7780.

Screen Tech Makes Inc.'s Top 500

Screen Tech Designs of Columbus, IN, has been named to *Inc.* magazine's 1996 list of the top-500 fastest-growing privately held companies. Specializing in the decoration of automotive components, plastics, consumer electronics, appliances, medical items, and more, the company earned a ranking of 241. The magazine's top-500 list honors companies with annual sales of more than \$200,000 that show a significant growth rate over a period of five consecutive years.

The company's growth achievements did not happen over night. Founders Paul and Scott Saddler began printing T-shirts in their parents' basement years ago. And when the need to expand arose in 1982, the brothers established Screen Tech Designs. Six years later, they decided to discontinue the textile-printing operations and concentrate on the more technologically advanced markets.

Today, the company performs screen printing, pad printing, spray painting, diecutting, assembly, and other functions in a state-of-the-art manufacturing plant it opened in 1995. The new facility, which has made it possible for the company to expand into new markets and increase productivity in existing fields, is one of the major factors behind the firm's rapid growth.

SGIA Adds Guidebook Articles

The SGIA International has released six new or updated articles for its revised and reformatted *Technical Guidebook* series. The articles include the following:

- "Washout" by Neil Bolding (Autotype Americas), which covers the proper technique for screen preparation after exposure
- "Mesh Pretreatment & Degreasing" by Neil Bolding, a review of the correct steps for preparing new screens and reclaiming old screens with various emulsions
- "Athletic Printing Techniques" by Scott Fresener (US Screen Printing Institute), which covers important considerations in athletic textile printing
- "Printing on Dark Shirts" by Scott Fresener, a look at the special requirements for printing vivid graphics on dark garments
- "Control of Ambient Conditions in the Pad-Printing Process" by Peter Kiddell (Product Decoration Services), which discusses the conditions required for high-quality pad printing
- "The Glossary of Screen Printing and Related Technologies," updated to include more than 3800 terms that are unique to the screen-printing industry. The glossary also features "digital" and "Internet" definitions.

For more information, contact SGIA, 10015 Main St., Fairfax, VA 22031-3489, 703-385-1335, fax: 703-273-0456.