



## Application Bulletin UVP-AB-102

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### USE OF FLUORESCENT INKS AND ULTRAVIOLET LAMPS IN READMISSION/BEVERAGE CONTROL

Hand stamping is a preferred method of readmittance control and beverage control at many nightclubs and amusement parks. In the case of readmittance control, an attendant stamps the hands of patrons who wish to leave the premises and return a short time later. In the case of beverage control, those patrons of drinking age typically have their hands stamped to differentiate them from minors.

#### Why Use Fluorescent Inks?

UVP's Blak-Ray® fluorescent readmission inks and longwave ultraviolet lamps are designed to provide an economical and verifiable means of monitoring  from readmission and, in the case of beverage control, of differentiating your clientele. Blak-Ray inks readily show under longwave ultraviolet light, commonly called blacklight, thus quickly weeding out forgers. The stamped image, invisible under regular light, cannot be duplicated with a pen, nor transferred without greatly reducing the fluorescence. These special inks are formulated to dissolve within 24 hours, so a returning patron cannot use yesterday's stamp at your facilities today!

Ordinary inks can be transferred to another person's hand or imitated with an ink pen. When confronted with a crowd at the entrance (or bar), readmittance attendants (or bartenders) can be less than thorough in their inspection techniques, and admit (serve) people with forged stamps. Other service people scrutinize the authenticity of each stamp carefully, while the line of patrons awaiting readmission (or alcoholic beverages) grows larger and less orderly.

#### About Blak-Ray Inks...

RI-10 and RI-20 inks are for general readmission use. A-800 and A-801 are typically used at swimming facilities; they are highly concentrated and specially formulated to resist water and chlorine. RI-10 and A-800, invisible under regular light, fluoresce bright blue under blacklight. RI-20 and A-801 are a faint yellow under visible light, and fluoresce a brilliant green under UV light. All Blak-Ray® readmission inks are quick-drying to prevent transference, and can be applied with a rubber stamp, refillable felt pen, roller or brush.

#### Recommended Lamps

The high intensity model B-100AP is popular in high-patronage clubs and in amusement parks. The 6-watt UVL-56 used in conjunction with the J-129 lamp stand, and the 4-watt UVL-23RS which comes with its own lamp stand, are popular in lower volume environments. Where complete portability is required, the 6-watt ML-49 operates off two 6-volt lantern batteries, and the UVL-26P has the flexibility of operating either from a wall outlet or from its internal lead acid battery. For beverage control, bar personnel frequently use the convenient 4-watt UVL-4 lamp. This lightweight lamp is small enough to slip in a shirt pocket or carry on a cocktail tray. The UVL-4 operates off 4 standard AA batteries.

Blak-Ray is a registered trademark of UVP, Inc.