

TECHNICAL DATA SHEET

73X & 73XNW SERIES OF MARKING INKS

When properly applied, the ink meets or exceeds the performance requirements of G.S.A Specification: A-A-208

Colors: Black, White, Yellow, Silver, Red, Blue, Green & Orange

Brief Description: This is our most versatile ink. For the last 20 years it has been used by leading aircraft and space manufactures for general purpose marking. In space applications, the out-gassing characteristics are extremely low.

Method of Application: 73X should be applied with a rubber stamp and stamp pad to almost any absorbent or non-absorbent surface. For best results, a cloth or linen type of stamp pad is recommended. When applying the ink to the pad, saturate it thoroughly. Work it into the pores of the pad using any flat bladed instrument (spatula, ice cream stick) as a spreader. Blot out excess if necessary. During use, if gumming or caking on pad surface occurs, application of the 73X Reconditioner is recommended.

Adherence: Even though it is a non-etching ink, the adherence qualities are good on clean bare metals of all kinds, glass, most plastics and rubber compounds with the exception of silicone. Prior to testing adherence, we recommend an air-dry period of 24 hours. An application of heat (when the surface temperatures reaches 250°F) for 30-35 minutes will even better adherence and greater solvent resistance. It is resistant to water, salt spray, gasoline, lubrication oils, aliphatic, hydrocarbons, many alkaline use detergent compounds, as well as some degreasing solvents. Exposure to temperatures up to 350°F does not appreciably affect adherence, although the shade of some colors may change slightly.

Corrosion: Since the ink is not compounded with toxic or harmful acids, it is non-corrosive on Aluminum alloys, magnesium, stainless, titanium, and many of the exotic space metals.

Drying Time: Room temperature, humidity, and ink film thickness all may cause a great difference in drying rate. On the average however, the ink when applied with a rubber stamp and pad will dry to the touch in approximately 6 minutes.

Shelf life: When stored in a cool place in a sealed container, it is stable for a minimum of one year. However, periodic exposure of the ink to air will cause it to become more viscous. The addition of 73X Re-conditioner will thin the ink back to a suitable consistency.

Packaging Data: This ink is packed in 4oz. Pints, Quarts and Gallons ALL Plastic.