INDEPENDENT INK
INCORPORATED

13700 SOUTH GRAMERCY PLACE
GARDENA, CA 90249 • U.S.A.

TECHNICAL DATA SHEET

73X and/or 73XNW SERIES OF MARKING INKS

(Not a two-part ink)

When properly applied, the ink meets or exceeds the performance requirements of
G.S.A Specification: A-A-208 TYPE 1 REV ___ (you must advise which revision you need)
Specs will be noted on COC upon request only

Colors: Black, White, 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 manufacturers for general purpose marking. In space applications, the outgassing 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 surfaces. For best results, a cloth or linen type 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 or ice cream stick) as a spreader. Blot out excess if necessary. During use, if gumming or caking on pad occurs, application of the 73X Re-conditioner solvent is recommended **(a few drops only!)**

Adherence: Even though it is 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 airdry period of 24 hours. An application of heat (when the surface temperature 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(s), hydrocarbons, many alkaline use detergent compounds, as well as some degreasing solvents. Exposure to temperature 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 or 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/time. On the average however, the ink when applied with a rubber stamp and pad, will dry to the touch in approximate 6 minutes. **The Drying and full Curing period for the 73X Series is 24 hours.**

Shelf life: When stored in cool place in 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. The recommended storage temperature of tightly sealed ink containers in an upright position is approx. 65-100°F

Base: Ethyl Alcohol – [Note- 73X / 73XNW is NOT resistant to Alcohol]