

TECHNICAL DATA SHEET IM-400 Pad Printing Ink

IM-400 is a **Single Component** supplied in paste form. Thinner (if needed) should be thoroughly mixed with the ink prior to using. During printing, the ink viscosity may be adjusted with the thinner (if needed). A retarder may be added to slow drying rate during printing (normally for high room temperatures or multi-color use). Recommended room temperature: 70-78 degrees F. Recommended room humidity 30-50%.

USE INSTRUCTIONS

*** Read Material Safety Data Sheets Prior To using ***

IM-400 is a single component product supplied in a paste form.

Single Component:

Thinner (if needed) should be thoroughly mixed with the ink prior to using. During printing, the ink viscosity may be adjusted with thinner.

ADDITIVES

*** See Ink Additives Chart for more listings ***

Thinner:

IMT-FAST	1 To 15 % by weight	Faster
IMT-MED	1 To 15 % by weight	Medium
IMT-SLOW	1 To 15 % by weight	Slower

Retarder:

IM-100RT	1 to 3 % by weight	Single Component Ink
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DRYING & CURING

IM-400 dries to the touch within 15-30 seconds at room temperature. Drying time (to the touch) may be reduced with forced hot air @ 200 - 400 Degrees F. Normally, full cure is achieved after 1 to 2 days depending on curing temperature, time, and humidity. Heat curing is necessary for better adhesion and performance results.

COLORS

*** CUSTOM COLORS AVAILABLE UPON REQUEST ***

IM-400 is available in:

- * 20 Standard Opaque Colors
- * Standard Metallic Colors
- * Process colors

Our IM Series Inks conform to US C.O.N.E.G. Legislation and European Standard EN 71, part 3 Safety of Toys (1989) For special applications - examples, Medical, Automotive, MIL-STD please call

USE & STORAGE INFORMATION

*** For more information see Material Safety Data Sheets ***

IM-400: Stir ink thoroughly before removing from container. Reseal lid tightly after using.

Shelf Life: 2 Years (Original sealed container)

THINNER: Reseal lid tightly after using.

Shelf Life: 2 years (Original sealed container)

RETARDER: Reseal lid tightly after using

Shelf Life: 2 years (Original sealed container)

STORAGE OF PRODUCTS: At room temperature 60 to 80 Degrees F with low humidity.

