

Pad Printing Ink

Type E

Ink Data Sheet

NOTE: Read Material Safety Data Sheet (MSDS) Prior To Use

Ink Type E is a single-component product 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 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 %

ADDITIVES: (See Additives Chart for more listings)

Thinners:

THINNER B (5 to 20 % by weight) Faster

VD THINNER (5 To 20 % by weight) Medium

THINNER BGA (5 To 20 % by weight) Slower

Retarder:

TPD RETARDER (1 To 3 % by weight)

DRYING & CURING: (See Ink Drying & Curing Times Chart)

Ink TYPE E dries to the touch within 15 – 30 seconds at room temperature. Drying time may be reduced with forced hot air at 200 – 400 degrees F. Normally, full cure is achieved after one to two days depending on curing temperature time; and humidity. Heat curing is necessary for better adhesion and performance results.

NT (non-toxic) Inks

Our NT 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 contact us.

USE & STORAGE INFORMATION

(For more detailed information see Material Safety Data Sheet (MSDS) for Type E Ink.

Ink Type E:

Stir ink thoroughly before removing from container. Reseal lid tightly after using.

Shelf Life: Two years (in original sealed container)

THINNER: Reseal lid tightly after using. Shelf Life: two years (in original sealed container)

RETARDER: Reseal lid tightly after using. Shelf Life: two years (in original sealed container)

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

AVAILABLE COLORS: (See Color Availability Chart)

Ink Type E is available in: 23 Standard Opaque Colors, Standard Metallic Colors, Process colors, Custom Colors Available Upon Request, C-Mix 2000 Color Matching System

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Recommended Printing Substrates:

THERMOPLASTICS

- Acrylonitrile-Butadiene-Styrene
- Cellulose Acetate Butyrate
- Polycarbonate
- Polystyrene
- Polyvinyl Chloride Plasticized
- Polyvinyl Chloride Rigid
- Styrene-Acrylonitrile

MISCELLANEOUS SUBSTRATES

- Leather

COATINGS & PAINTS

- Miscellaneous Coatings & Paints

****Since operating conditions and applications are beyond our control, Trans Tech can not guarantee results, nor assume liability for any problem that may arise.**

The user should test the suitability of the product for its intended application. No warranty for results obtained, expressed or implied, can be assumed by Trans Tech.



Trusted Partner for Your Product Decorating Needs

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