

## Technical Data Sheet #365

Revised 08/10/11

<b>Wet Ink Tack</b>	Low
<b>After Flash Tack</b>	Low
<b>Printability</b>	Great
<b>Surface Appearance</b>	Matte Finish
<b>Opacity/Viscosity</b>	High / Medium
<b>Bleed Resistance</b>	N/A
<b>Gel Point/Flash Time</b>	160°F (71°C.)/decreases with deposit thickness
<b>Fusion Temperature</b>	320°F (160° C.)
<b>Squeegee Hardness</b>	Soft
<b>Squeegee Blade</b>	Sharp
<b>Squeegee Angle</b>	45°
<b>Squeegee Speed</b>	Medium
<b>Underlay</b>	Use low bleed white for poly/cotton
<b>Emulsion</b>	Direct, Indirect emulsion or Capillary Film
<b>Mesh Count</b>	up to 156 mc in (62 mc cm)
<b>Thickener</b>	M00333 Thickener #3
<b>Storage</b>	65°F to 95°F (18°C to 35°C). Avoid direct sun.
<b>Cleanup</b>	Bio-degradable screen wash
<b>MSDS</b>	# 38
<b>Color Range</b>	EU0500 NPT Suede Natural Base
<b>Substrate Type</b>	Cotton or 50/50 Poly Lights

# Specialty Ink

## EU0500 NPT Suede Natural Base

### Description

NPT Suede Natural Base is formulated as a base plastisol for making your own colors to print on 100% Cotton fabrics or over a low bleed underlay on poly/cotton. This product has excellent opacity for superior coverage over dark fabrics.

### Features

- Short body and very low wet tack for easy printing.
- Shears fast for higher press speeds.
- Easy to use, no viscosity modifications necessary.
- Now is non-phthalate
- Make thousands of colors by adding up to 20% Color Boosters.

### Application

Mix Suede Natural Base to desired color by using Color Boosters and print directly onto 100% Cotton substrates or over an underlay. NPT Suede Natural Base is normally printed through mesh ranges up to 156 mc in (62 mc cm) Recommend 60 Durometer squeegee and medium print speed to create the best print. Cures to a suede finish

**Note:** To maintain the NPT status, NPT inks require a suitable mixing environment to insure mixed products have no cross contamination with other printing inks. New or properly cleaned utensils, pumps, pails and etc. are required. Utensils should be cleaned with a non-phthalate type plasticizer or non-phthalate Biodegradable screen wash.

### Special Recommendations

- **Do not dry clean, bleach, or iron the printed image.**

Rutland Plastic Technologies does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSC HR-4040 and Oeko-tex Standard 100. The plasticizers identified may include di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP), di-n-octyl phthalate (DnOP), (DIBP) Di-iso-butyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of NPT Suede Natural Base nor any of the NPT products. Rutland Plastic Technologies does not test the final product for amounts of the aforementioned phthalate plasticizers and esters and encourages all users to conduct testing for their intended use.