



| Recommendations | |
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| Product Overview | |
| Product Code | C34042 |
| Industry | Inks |
| Application | Screen Printing |
| Category | Mixing Inks |
| Sub-Category | C3 Mixing System |
| Chemistry | Plastisol |
| Substrate(s) | Other |
| Best Used By | 12 months |
| Certification(s) | ISO9001 |
| Curing: | |
| Fusion Temperature | 320 °F |
| Performance: | |
| Viscosity | Base dependent |
| Coverage | Base dependent |
| Bleed Resistance | Only when mixed with EL0749 NPT LB Base |
| Squeegee: | |
| Squeegee Profile | Square |
| Squeegee Type | Polyurethane |
| Screen: | |
| Mesh | Base dependent |
| Underlay | Use Clairra NPT LB White or NPT Barrier Base |
| Cleanup | Bio-degradable screen wash |
| Additives: | |
| Extender | See approved list |
| Thickener | See approved list |
| Storage: | |
| Storage Temperature | 65°F - 95°F (18°C - 35°C) |

Last Change: Nov 2016

NPT FF FLUOR LEMON YELLOW C3

Clairra™ C3 Non-Phthalate Color Booster mixing system is a single pigmented color system with built in binders. No need to worry about pigment overload with these concentrates. They may be used at up to 50% in Rutland's NPT bases to mix non-phthalate printing inks. C3 Color Boosters directly replace both the EB and CB products. Concentrated single pigment primary colors Non-phthalate for mixing environmentally safe plastisol inks Low crock and matte finish when mixed in NPT HO Matte Base Use Rutland's NPT VO Base for maximum opacity

Features

- User friendly, easy mix, easy print.
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Instructions

Mix thousands of colors by using Clairra™ C3 Non-Phthalate Color Boosters in any of the Clairra™ Non-Phthalate Specialty bases per the formulations found in the M2007 Ink Mixing software. Simply mix the C3's with the appropriate nonphthalate base (see Bases on next page). Printing on White Garments: Mix per formulation or custom blend to achieve brilliant colors on 100% cotton whites. For extremely soft-hand prints, mix finished color (C3 plus base) with up to 1:1 with Clairra NPT Chino Base Printing on Dark Garments or over an underlay: When printing on dark garments, mix per formulation or custom blend to achieve brilliant colors over an underlay. Use the NPT Low Bleed White on poly/cotton blends and the NPT Barrier base when printing on 100% polyester Puff designs: Mix 10-15% of Clairra NPT Puff Additive to any formulated Clairra™ Color (C3 plus base) to create a puff ink. PRODUCTS

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|--------|-----------------------------|--------|------------------------------|
| C31017 | NPT FLUOR MAGENTA C3 | C34449 | NPT YELLOW C3 |
| | | C36055 | NPT FLUOR PINK C3 |
| C31037 | NPT FLUOR VIOLET C3 | C36056 | NPT FLUOR RED C3 |
| C31440 | NPT VIOLET C3 | C36446 | NPT SCARLET C3 |
| C32441 | NPT BLUE #1 C3 | C36447 | NPT RED BS C3 |
| C32442 | NPT BLUE #2 C3 | C38394 | NPT BLACK C3 |
| C32443 | NPT MARINE C3 | C39256 | NPT WHITE C3 |
| C33033 | NPT FLUOR GREEN C3 | C31018 | NPT FF FLUOR MAGENTA C3 |
| C33443 | NPT GREEN C3 | | |
| C34037 | NPT FLUOR YELLOW C3 | C31038 | NPT FF FLUOR VIOLET C3 |
| C34041 | NPT FLUOR LEMON YELLOW C3 | C34042 | NPT FF FLUOR LEMON YELLOW C3 |
| C34228 | NPT NON-MIGRATING YELLOW C3 | C36057 | NPT FF FLUOR RED C3 |

Recommendation

Clairra Colors™, bases, modifiers and additives should be mixed in clean vessels using clean mixer blades and utensils. Any contamination from other ink sources or non-approved additives could make Clairra Colors™ test positive for the restricted phthalates. Do not dry clean, bleach, or iron the printed image. Note to 100% Cotton users: With low bleed ink, 100% cotton could produce a ghost image. Clairra NPT Low Bleed White is a low-bleed ink and should be tested for ghosting before printing on 100% cotton. Clairra NPT Low Bleed White is not recommended for 100% polyester. Use Clairra NPT Barrier under base for 100% polyester.

Statement

Rutland Plastic Technologies does not knowingly add plasticizers containing the phthalates listed and outlined in California Bill 1108, CPSIA 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-isobutyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Clairra High Opacity Non-Phthalate Inks. 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.

Disclaimer:

Not all Rutland products are available in every country. Please check with your local representative for availability. The data presented in this leaflet are in accordance with the present state of our knowledge, but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the products for a particular purpose.