Recommendations	
Product Overview	
Product Code	WB2414
Industry	Inks
Application	Screen Printing
Category	Mixing Inks
Chemistry	Waterbase
Substrate(s)	Cotton
Best Used By	12 months
Certification(s)	ISO9001
Curing:	
Fusion Temperature	320 °F
Fusion Time Other	90 seconds (base dependent) (WB0249 General Purpose Base requires longer cure times, up to 3 minutes depending on your dryer configuration.)
Performance:	
Viscosity	Low
Coverage	Low Opacity
After Flash Tack	Decreases with increased mesh
Pigment Load	Not to exceed 30%
Squeegee:	
Squeegee Profile	Square
Squeegee Type	Polyurethane
Squeegee Speed	High
Screen:	
Mesh	86 to 305
Underlay	Discharge White or Discharge Base plus up to 6% Agent
Cleanup	Soap and water
Additives:	
Extender	WB0248 or WB0249 Base
Thickener	WB0510 Thickener
Thinner	Water
Storage:	
Storage Temperature	65°F - 100°F (18°C - 38°C)
Storage Notes	Avoid direct sun. Keep lid tightly closed on the container at all times.

PS BLUE #2

WB-99 Pigments are vibrant to give the most brilliant color matches. When combined with the WB0249 General Purpose Base, prints with extremely soft feel at a low cost on white fabrics. WB0249 General Purpose Base requires longer cure times, up to 3 minutes depending on your dryer configuration. Combine with the WB0248 Quick Cure Base for faster production demands when printing on 100% cotton lights.High performance PVC Free Pigment mixing system for 100% cotton light fabrics or dark fabrics when using the discharge process.Mix thousands of colors using formulas from the OMX Online Ink Mixing software.Offers colors that are compatible with the WB Discharge base and WB Discharge White.

Features

-
-
-
-

Instructions

Mix colors using the formulations provided in the OMX Ink Mixing Software. Mixed WB-99 PS colors may be printed from 86-305 mc. in. (34-120 mc. cm.) mesh range. The tack free formulation allows increased coverage; therefore, finer mesh counts may be used for softer hand with minimum loss of color brilliance. Mix colors according to the desired color formula for best results. Note: For better color matches it may be necessary to hold the white out of very dark saturated shades. Colors should be checked through a 156 mc. in. (62 mc. cm.). Colors will be lighter through finer mesh. Recommended Printing Techniques - Image area should be filled with ink. - Leave image area flooded to prevent drying in the screen. - For extended non-printing times, mist with a spray of water to prolong wetness of ink. - Washing the garment is the best test for complete fusion. - WB0100 Fiberblock catalyst will help control Fibrillation when 1-2% is added to the ink PRODUCTS: WB-99 Mixing Primary Colors: WB1141 PS Violet WB2411 PS Blue #1 WB2414 PS Blue #2 WB2415 PS Marine WB3246 PS Green WB4246 PS Yellow WB6367 PS Scarlet WB6364 PS Red WB8037 PS Black C WB9068 PS White WB-99 Fluorescent Colors: WB1142 PS Fl Magenta WB1143 PS Fl Violet WB4247 PS Fl Lemon WB6365 PS Fl Red

Recommendation

WB-99 pigments will not cure and must be mixed with a base to cure. Stir WB-99 PS prior to weighing. Keep pail closed when not weighing product. WB-99 PS does require "high speed/high shear" mixing to properly disperse the components and additives. We recommend that customers use a shaker mixer, homogenizer, high speed drill with mixing blade, etc. Hand mixing or "turn-about" mixing is not adequate. WB-99 inks require a suitable mixing environment to insure mixed products have no cross contamination with other inks. New or properly cleaned utensils, pumps, pails, etc., are required. Utensils should be cleaned with soap and water.

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-iso-butyl, and (DMP) Dimethylphthalate, including esters of ortho-phthalic acid and are not direct ingredients in the manufacture of Claira 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.

Rutland®
Plastic Technologies, Inc.
Because You Deserve the Best Ink

Last Change: Nov 2016