



**Color Guide**

<u>SHADE</u>	<u>CODE</u>
Invisible Blue	BIB2-CL201
Green	BIB2-GR202
Yellow	BIB2-YE203R
Orange	BIB2-OG204
Red	BIB2-RD205
Pink	BIB2-PK206
Magenta	BIB2-MG207
Chartreuse	BIB2-CH227

**Suggested Starting Formula\*                      Sheetfed**

BIB2 Base	70.0
Sheetfed Gel Varnish	22.0
Magiesol 52	4.0
12% Manganese Drier	1.0
18% Zirconium Drier	1.0
PE Wax Powder	2.0
Total	100.0

Tack, 1200 rpm at 90°F                      14 - 15  
 Viscosity, Laray, 200 grams, 90°F                      20 - 30

**Suggested Starting Formula\*                      Heatset**

BIB2 Base	70.0
Heatset Gel Varnish	23.0
Magiesol 47	5.0
18% Zirconium Drier	1.0
Micronized PTFE	1.0
Total	100.0

Tack, 1200 rpm at 90°F                      14 - 15  
 Viscosity, Laray, 200 grams, 90°F                      20 - 30

**Suggested Starting Formula\*                      UV Flexo**

BIB2 Base	30
Sartomer CN293	25
Sartomer SR306F (TPGDA)	38
TPOL (photoinitiator)	7
Total	100.0

Suggested Starting Formula*	UV offset
BIB2 Base	50
Sartomer CN294E	34
Sartomer SR306F (TPGDA)	11
TPOL (photoinitiator)	5
Total	<hr/> 100.0

\*Note: Tack and viscosity can be altered by adjusting the proportions of the base, varnish and solvent. Drying speed for sheetfed and heatset inks will be affected by temperature, humidity, substrate and absorption.

\*\*Polyester acrylates typically result in considerably more shelf stable finished UV inks than epoxy acrylates. Brilliant can provide a guide to suggested oligomers found to produce shelf-stable inks.

The above formulations are offered as suggestions only. The user should be guided by his own tests as to the suitability of the formulas for specific applications.

**Storage:** When stored in a cool, dry environment, and containers are kept tightly closed, BIB2 bases are stable in can for many years. Ink base containers should be kept closed to minimize contamination.

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