



## GENERAL INFORMATION

The SG100 Intercoat is designed to be applied over a basecoat, prior to taped art work. This allows for easy removal of mis-tapes or other errors without damage to basecoat. The intercoats are also applied over art work to preserve blending and fogging of various colors before applying kandy or klear top-coats. The Intercoats shouldn't ever be used as a topcoat klear.



## SUBSTRATE

- All House of Kolor standard basecoats, Solid Graphics and artwork.
- Properly cured top coat klears and OEM finishes (artwork only)



## COMPONENTS

INTERCOAT	OPTIONAL ADDITIVES	RU SERIES REDUCER	
SG100	Dry Pearl	RU310	
	Flake	RU311	
	Kandy Koncentrate		RU312
			RU313
			RU315



## MIXING RATIO

For 6.2 lb/gal (750 g/L) VOC Compliance (US National Rule) Standard Mixing

- 2 parts SG100 Intercoat
- 1 part RU310, 311, 312, 313 RU Series Reducers

Optional: 90/10 blend of RU310-313 with RU315

KK / Pearl / Flake Mixing

- 2-4 ozs max. KK per sprayable quart
- See appropriate Pearl / Flake TDS for amounts per sprayable quart.



## DRY TIME

- Air dry at 77°F for 30 min (up to 4 hours) before topcoating.

NOTE: After 4 hours, wet sand with 500 and re-spray. Never sand Pearls or flakes without clear coat.



## CLEANUP

Clean equipment thoroughly with lacquer thinner or urethane reducer (check local regulations).



## APPLICATION

Apply 1 to 2 medium coats of SG100 Intercoat with a 50% pattern overlap. Allow each coat to flash dull (Typically 5 to 15 minutes) between coats. Additional coats may be applied if build is required to fill tape-out lines. We suggest you allow the Intercoat to flash 30-60 minutes before doing tape outs, etc over the Intercoat product.



## PEARLS & FLAKES

When using SG100, mix 2 : 1 with RU series reducer then refer to appropriate pearl or flake data sheet for amounts to add. Pearls and Flakes must have room to sparkle. Overcrowding reduces their effect and increases the chance of mottling and streaking.



## KANDY

For MAXIMUM DURABILITY use S2-00 Trans Nebulae or Shimrin2 UKK01 Kandy Karrier with KK Kandy Koncentrates. Intercoats may be used to make low solid Kandys by mixing with any of our Kandy Koncentrates (KK). The Intercoats are excellent when multiple tape outs are required under urethane topcoats. Perfect for small parts or graphics when speed is a factor. Reduce SG100 2 : 1 with RU310-313 Standard Series Reducers (RU300 or RU301 in Low VOC Areas), then add 2-4 ozs of KK per sprayable quart. See KK tech sheet for more information on using Kandy Koncentrates.



## TOUCH UP & BLENDING

Intercoats may be used to blend House of Kolor Pearl and Metallic Basecoats. Metallics will not darken as they normally would at the blend.

- Make sure not to over wet the edge of the blending area.
- Apply light even coats and do not over saturate the surface to avoid issues.

After applying the final "coverage" coat, begin to step out the blend. Take your final basecoat mix and combine 1:1 with SG100 (blend mix), and apply light coats over the tapered edge until the edge "melts". If additional edge "melt" is required, step out blend once more by reducing the "edge mix" 1:1 with reducer (RU300 or 301 in Low VOC areas), and apply light coats until the edge "melts". View with bright light, if satisfied then topcoat with clear.



## TECHNICAL DATA

FOR USA (National Rule Only)

RTS Regulatory Data	2 : 1	
	RU310-313 Series Reducers	
	LBS/GAL	g/L
Actual VOC	6.2 Max.	750 Max.
Regulatory VOC (less water & exempt solvents)	6.2 Max.	750 Max.
Density	7.9	840-1080
	Weight %	Volume %
Total Solid Content	16 - 21	14 - 19
Total Volatile Content	79 - 84	81 - 86
Water	0	0
Exempt Compound Content	0	0
Category	Topcoat more than Two Stages	

Note: US Regulations allow for the use of exempt compounds for VOC calculations. Calculations include optional adds mentioned above.



### TECHNICAL DATA (continued)

#### FOR REST-OF-WORLD

RTS Regulatory Data	2 : 1	
	RU310 - 313 Series Reducers	
	LBS/GAL	g/L
VOC	7.2 Max.	865 Max.
Density	8 - 10	960 - 1200
	Weight %	Volume %
Total Solid Content	16 - 21	14 - 19
Total Volatile Content	79 - 84	81 - 86
Water	0	0
Category	Topcoat more than Two Stages	

Note: Rest-of-World considered areas outside US and Canada.

#### Optional Touch Up & Blend (National Rule & Low VOC) / Canada

RTS Regulatory Data	(1 : 1) : 1 (RTS Basecoat Mix : SG100) : Reducer	
	RU310-313 Series Reducers	
	LBS/GAL	g/L
Actual VOC	4.8 Max.	580 Max.
Regulatory VOC (less water & exempt solvents)	6.7 Max.	805 Max.
Density	8 - 10	960 - 1200
	Weight %	Volume %
Total Solid Content	8 - 15	7 - 12
Total Volatile Content	85 - 92	88 - 93
Water	0	0
Exempt Compound Content	30 - 35	28 - 33
Category	Topcoat more than Two Stages	

Note: US/Canadian Regulations allow for the use of exempt compounds for VOC calculations.

#### Optional Touch Up & Blend Mix (REST-OF-WORLD)

RTS Regulatory Data	(1 : 1) : 1 (RTS Basecoat Mix : SG100) : Reducer	
	RU310 - 313 Series Reducers	
	LBS/GAL	g/L
VOC	8.0 Max.	960 Max.
Density	8 - 10	960 - 1200
	Weight %	Volume %
Total Solid Content	8 - 15	7 - 12
Total Volatile Content	85 - 92	88 - 93
Water	0	0
Category	Topcoat more than Two Stages	

Note: Rest-of-World considered areas outside US and Canada.

### T&T TIPS AND TRICKS

- Do not use SG100 as a final klear.
- S2-00 Trans Nebulae is recommended as a carrier for Dry Pearls (DP), Flake (F) instead of SG100.
- This product isn't designed for hi-build application.
- Do not exceed more than 4 coats when using SG100 as a flake and pearl carrier.