



GENERAL INFORMATION

UKK01 Urethane Kandy Karrier is VOC compliant coast to coast. UKK01 can be applied as a medium solids Kandy or as a low solids Kandy. Simply reduce, catalyze and choose a kandy concentrate from our product line. UKK01 is the key to spraying that perfect true kandy job.



SUBSTRATE

All House of Kolor basecoats and properly cured and prepared OEM finishes



PREPARATION

Please be aware that Shimrin2 bases, Kandy's and Klears can be susceptible to staining or bleeding from polyester body fillers, putties, fiberglass resins and some primers. To prevent staining, Please refer to the tech pages on KD3000 DTS Foundation Surfacers Sealer.



COMPONENTS

KK KANDY KONCENTRATES		URETHANE KANDY KARRIER
KK01 BRANDYWINE	KK10 PURPLE	UKK01 URETHANE KANDY KARRIER
KK02 LIME GOLD	KK11 APPLE RED	
KK03 WILD CHERRY	KK12 PAGAN GOLD	
KK04 ORIENTAL BLUE	KK13 BURPLE	
KK05 COBALT BLUE	KK14 SPANISH GOLD	
KK06 BURGUNDY	KK15 TEAL	
KK07 ROOTBEER	KK16 MAGENTA	
KK08 TANGERINE	KK18 PINK	
KK09 ORGANIC GREEN	KK22 VOODOO VIOLET	

CATALYST	LV SERIES REDUCER	RU SERIES REDUCER
KU152 KOSMIC CATALYST	RU300	RU310
	RU301	RU311
		RU312
		RU313
		RU315



GUN SET UP

Refer to spray gun manufacturer's recommendations



APPLICATION

Start with low solids mixture. Apply 1 medium coat with a 75% pattern overlap and allow to flash 10 - 15 minutes then apply 2 more coats at a 75% pattern overlap as medium wet coats. Finish with Medium solids mixture. The final coats should be sprayed at a 50% pattern overlap as medium wet coats (for a total of 4 to 6 coats) allowing to flash 10 - 20 minutes. Shop conditions, air flow, and reducer used will vary flash times. A good rule of thumb is to monitor the finish, allow each coat to go out of string before applying the next coat. (DO NOT rush your recoat time between coats. You could experience solvent popping if product.) All Kandy finishes must be klear coated. After 20 to 30 minutes begin applying 2 to 3 coats of USC01 Urethane Show Klear for maximum UV protection (Always refer to the appropriate tech sheets on the top coat klear you intend to use).

Notes:

- Lighter colored basecoats require maximum Kandy coats (6 coats).
- Before spraying project paint a test sample for insurance of color desired.
- Do not store uncatalyzed UKK01/KK blends for more than 24 hours. Seeding will occur if mixture sits longer than 12 hours.



MIXING RATIO

Low Solids Kandy 4.8 lb./gal. (576 g/L.) VOC compliance (US National Rule) - (4:1:2 by volume)

- 4 parts UKK01 Urethane Kandy Karrier
- 1 part KU152 catalyst
- 2 parts RU310, 311, 312, 313 Series reducers
- Add KK Concentrates to desired strength (2-4 oz. per ready to spray quart of UKK01 is recommended)

Optional: 5% AX02 to ready to spray quart. 90/10 blend RU 310-313 with RU315

Medium Solids Kandy 4.2 lb./gal. (500 g/L.) VOC Compliance (US National Rule) - (4:1:1 by volume)

- 4 parts UKK01 Urethane Kandy Karrier
- 1 part KU152 catalyst
- 1 part RU310, 311, 312, 313 Series reducers
- Add KK Concentrates to desired strength (2-4 oz. per ready to spray quart of UKK01 is recommended)

Optional: 5% AX02 to ready to spray quart. 90/10 blend RU 310-313 with RU315

Low Solids Kandy 3.5 lb./gal. (420 g/L.) VOC Compliance (Low VOC) - (4:1:2 by volume)

- 4 parts UKK01 Urethane Kandy Karrier
- 1 part KU152 catalyst
- 2 parts RU300 or RU301 LV Series Exempt reducers

Note: 90/10 blend max. RU300 or RU301 LV Series / RU310, 311, 312, 313 Series Reducers

- Add KK Concentrates to desired strength (2-4 oz. per ready to spray quart of UKK01 is recommended)

Optional: 5% AX02 to ready to spray quart. 90/10 blend RU 310-313 with RU315

Medium Solids Kandy 3.5 lb./gal. (420 g/L.) VOC Compliance (Low VOC) - (4:1:1 by volume)

- 4 parts UKK01 Urethane Kandy Karrier
- 1 part KU152 catalyst
- 1 part RU300 or RU301 LV Series Exempt reducers

Note: 80/20 blend max. RU300 or RU301 LV Series / RU310, 311, 312, 313 Series Reducers

- Add KK Concentrates to desired strength (2-4 oz. per ready to spray quart of UKK01 is recommended)

Optional: 5% AX02 to ready -to-spray quart. 90/10 blend RU 310-313 with RU315



DRY TIME

- Air dry at 70°F = 24 hours
- Air dry at 70°F with AX02 added at 5% of RTS quart mix = 4-6 hours
- Force dry at 140°F = Allow the finish to flash 30 minutes, bake time should be 1 hour with 1 hour cool down.

NOTE: Based upon weather conditions, number of coats, solvent speed, and flash time between coats, etc., it is not unusual for the finish to remain soft for extended periods of time. This does not mean the finish is uncured; it indicates the finish is holding solvents and will need additional time to fully harden.



CLEANUP

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



TIPS AND TRICKS

- One of the notable features of UKK01 is its lack of sensitivity to longer dry time between coats. Urethane Kandy Karrier wont react with up to 30 min between coats, allowing larger, more complicated vehicles to be painted with more ease.
- It is extremely important that you use only KU152 catalyst for UKK01.
- KU152 is moisture sensitive and will not keep for long periods of time once opened. Keep the container tightly sealed.
- DO NOT OVER CATALYZE.
- Over-spray from any catalyzed products may lift when basecoats are applied. Mask carefully to prevent this over-spray when painting door jambs, etc.



TECHNICAL DATA

FOR USA (National Rule & Low VOC) / Canada

RTS Regulatory Data	4 : 1 : 1		4 : 1 : 1		4 : 1 : 2		4 : 1 : 2	
	RU310 - 313 Series Reducers		LV Exempt Series Reducers		RU310 - 313 Series Reducers		LV Exempt Series Reducers	
	LBS/GAL	g/L	LBS/GAL	g/L	LBS/GAL	g/L	LBS/GAL	g/L
Actual VOC	3.0 Max.	360 Max.	2.1 Max.	256 Max.	3.7 Max.	440 Max.	1.95 Max.	235 Max.
Regulatory VOC (less water & exempt solvents)	4.2 Max.	500 Max.	3.5 Max.	420 Max.	4.8 Max.	576 Max.	3.5 Max.	420 Max.
Density	8-10	960-1200	8-10	960-1200	8-10	960-1200	8-10	960-1200
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
Total Solid Content	32-36	30-34	32-36	30-34	28-32	25-29	26-30	25-29
Total Volatile Content	64-68	66-70	64-68	66-70	68-72	71-75	70-74	71-75
Water	0	0	0	0	0	0	0	0
Exempt Compound Content	32-36	28-32	45-49	39-43	28-32	24-28	51-55	45-49
Category	Top coat of more than Two Stages / Color Coating							

NOTE: US/Canadian Regulations allow for the use of exempt compounds for VOC calculations. Calculations include optional adds and reducer blends.

FOR REST-OF-WORLD

RTS Regulatory Data	4 : 1 : 1		4 : 1 : 2	
	RU310 - 313 Series Reducers			
	LBS/GAL	g/L	LBS/GAL	g/L
VOC	6.8 Max.	820 Max.	7.2 Max.	864 Max.
Density	8-10	960-1200	8-10	960-1200
	Weight %	Volume %	Weight %	Volume %
Total Solid Content	32-36	30-34	28-32	25-29
Total Volatile Content	64-68	66-70	68-72	71-75
Water	0	0	0	0
Category	Two Stage Topcoat / Color Coating			

NOTE: ROW considered areas outside US/Canada.