Tech Sheet - Restoration Shop UBLV 3.5 VOC Compliant

DESCRIPTION



Restoration Shop UBLV Low VOC Urethane Basecoat

Restoration Shop UBLV Basecoat is a state-ofthe-art, basecoat/clearcoat system designed to reproduce the hi-tech O.E.M. finishes found on today's vehicles. It features outstanding coverage, rapid dry time,

excellent metallic control and optimum repairability. UBLV provides an environmental friendly solvent solution.

COMPONENTS



- UBLV Low VOC Base Coat
- For 3.5 VOC Must Use XR Series Reducer
- XR60 Fast Reducer Up to 55-70 F (24 C)
- XR70 Medium Reducer 70-85 F (24 C 32 C)
- XR85 Slow Reducer- 85 F and Above

For National Rule VOC May use KR Series Reducers KR60, KR70, KR85 or UR60, UR70, and UR85



POT LIFE @ 77°F



When Properly Covered at 77 F / 25 C UBLV Basecoat will maintain a sprayable viscosity indefinently. With KH211 or KH212: 2 Hours

MIXING RATIO



Mixing Ratios: 2:1 2 Parts UBLV Color - 1 Part XR, KR, or UR Reducer

Mix One Part Base Color with One Half Part Reducer (2-1 By Volume).

Optional: Add 1% Max. of KH211 or KH212 Activator per Sprayable Quart for Enhanced Performance.

CLEAN UP



KT-025 Compliant Solvent Cleaner

SUBSTRATES



UBLV Series Urethane Basecoat may be applied over: Cleaned, sanded and primed OEM or Refinish topcoat. Kustom Shop **KEP** Epoxy Primer / Sealer. Kustom Shop **KUP** Urethane Primer. Kustom Shop KFP Hi-Build 2K Primer Surfacer Kustom Shop KPP Polyester Primer, Kustom Shop KL611 Old school Acrylic Lacquer Primer. Restoration Shop RP2100 High Solids Urethane Primer.

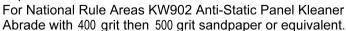
- **Epoxy Primer**
- Properly Prepared OEM Surface
- Properly Prepared Aluminum and Steel. Note: Do Not Apply Over Self Etching Primer

SURFACE PREPARATION



USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.

Wipe with KW901 Grease and Wax Remover or





Wipe again with KW901 Grease and Wax Remover or KW902 Anti-Static Panel Kleaner For best results apply anti-corrosive primer such as KEP Series epoxy primers over bare metal. KEP Epoxy May also be used as excellent sealer over all substraties and old finishes.

OEM Blend Areas

- Option 1: Clean blend area with KW901 or KW902. Scuff blend area with gray scuff pad and sanding paste. Sanding paste must be thoroughly washed away. Re-clean blend area with KW901 or KW902 prior to topcoating
- Option 2: Clean blend area with KW901 or KW902. Sand blend areas with P800 - P1000 grit paper, for hard to reach areas scuff with gray scuff pad. Re-clean blend area with KW901 or KW902 prior to topcoating.

Note: Option 1 and 2 the OEM Blend area must be scuffed or sanded completely dull.

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APPLICATION



For Air Spray

Spray 2-3 Medium-Wet Coats with an Overlap of 75% Until Hiding and Color Match are Archieved.

- Allow Each Coat 5-10 Minutes Flash or Until Finish is Dull.
- Dry Mils 2.0 to 3.0 Mils. Wet Mils 4.0 to 6.5 Mils.

FLASH / DRY TIMES



AIR DRY @ 77°F

Flash Between Coats	5-10 Minutes
To Tape	20-40 Minutes
To Clearcoat	

Note: If the basecoat is allowed to dry more than 24 hours, it must be scuffed and new basecoat applied.

Clear Coating: KC210 Urethane Speed Clear or KC2020 or Restoration Shop RC4221 For 2.1 or RC4200 For 4.2 VOC

GUN SETUPS



CONVENTIONAL

Gravity Feed	1.3 mm - 1.5 mm
Siphon Feed	1.6 mm - 1.8 mm

HVLP

Anest Iwata LPH 400	1.2 mm - 1.4 mm tip
Binks MG1	1.3 mm - 1.5 mm tip
Devilbiss GTI	1.4 mm - 1.6 mm tip
Sata 95 & 2000	1.3 mm - 1.5 mm tip

AIR PRESSURES



CONVENTIONAL @ GUN

Gravity Feed	. 35 -	- 40	psi
Siphon Feed	.45 -	- 50	psi

HVLP @ Cap 8 - 10 psi

PHYSICAL DATA (2:1) Base Color

VOC (Volatile Organic Content)	> 3.5 LB/GAL (420 g/l) Maximum
VOC UR Reducers	
VOC X70 Reducers	
Flash Point	23°F

REGULATORY DATA

	1	:1
RTS REGULATORY DATA:	Using XR Series Reducers	
	LBS./GAL	g/L
VOC Total	> 3.5 Max	> 420
VOC (less water and solvents)	> 3.5 Max	> 420
	LBS./GAL. Solids	LBS./GAL. Solids
HAPS	6.5 Max.	
Volatiles	80.0-95.0 WT.%	80.0-95.0 VOL.%
Water	0.0 WT.%	0.0 VOL.%
Exempt Solvents	50.0 - 90.0 WT. %	50.0 - 90.0 VOL.%



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SAFETY

purchase price, at Restoration Shop's option.



Before using any Restoration Shop product, be sure to read all MSDS and application instructions and warnings. Always wear a properly fitted air purifying respirator with organic vapor cartridges and particulate filter or a fresh air respirator (depending on product selection), eye protection,

gloves and protective clothing during application and until vapors are exhausted. Do not permit anyone without protection in the painting area. This product is intended for use by a professionally trained painter. **Keep out of the reach of children**.

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