

CC730 HS 3.5 URETHANE CLEAR COAT

CC730/ US

Product Information

Product Description:

Premium HS polyurethane clear coat, designed for OEM and Fleet Repair's demanding environments. Extremely durable - high gloss. Offers easy application, with excellent flow and leveling

Substrates:

TB540

TB550

Properly cleaned and sanded 2K and OEM finishes

Preparation:

Allow proper flash times before applying CC730 over TB540 and TB550

OEM BLEND AREAS

Option 1:

- Clean blend area with Valspar 170 Aqua Clean.
- Scuff blend area with gray scuff pad and sanding paste.
- Sanding paste must be thoroughly washed away.
- Reclean blend area with Valspar 170 Aqua Clean prior to topcoating

Option 2:

- Clean blend area with Valspar 170 Aqua Clean
- Sand blend areas with P800 - P1000 grit paper, for hard to reach areas scuff with gray scuff pad
- Reclean blend area with Valspar 170 Aqua Clean prior to topcoating

Cleaning:

Surface must be dry and free from any contamination, e.g. oil, grease, release agents. Use only approved cleaning products per your local regulations. (More Detailed information go-to cleaning processes at www.valsparindustrialmix.com)

Topcoats:

NA

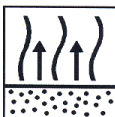
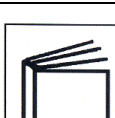
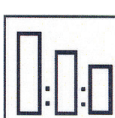
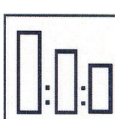
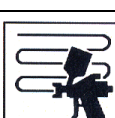
Physical Data:

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RTS Regulatory Data	3:1:1		3:1:1	
	(Reducer Line)		(Exempt Reducer Line)	
	LBS/GAL	g/L	LBS/GAL	g/L
Actual VOC	3.8 Max	470 Max	2.8 Max	340 Max
Regulatory VOC (less water and exempt solvents)	5.0 Max	600 Max	3.5 Max	420 Max
Density	8.0 - 8.5	960 - 1022	8.5 - 9.5	1020 - 1150
	WT. %	VOL. %	WT. %	VOL. %
Total Volatile Content	45 - 55	50 - 60	45 - 60	50 - 65
Water Content	0	0	0	0
Exempt Compound Content	1 - 5	1 - 5	20 - 30	15 - 25
Physical properties				
Chemical base	Polyurethane	Coverage (sq ft - DFT)	Approx 820 sq ft / 1.0mil	
Density lbs/gal (kg/l)	8.32 lbs/gal (0.997 kg/L)	Gloss	High gloss >90GU/60° +/- 10 GU	
Volume solids (%)	51%	Color	Clear	
Weight solids (%)	59%	Temperature Stability	Dry Heat up to 284°F/140°C	
Flash point	45°F (7°C)	Processing temperature	50 - 104°F (+10°C-40°C)	
Pot life / 77°F (+25°C)	Approx. 1 hour	Humidity	Until 85% R.H.	
Shelf life	Min. 24 month under normal storage conditions and unopened tins			

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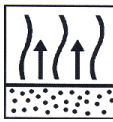
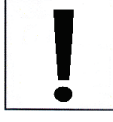
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Application Data

	Cleaning: Use only approved products per your local regulations	Properly cleaned and sanded 2K and OEM finishes Surface must be cleaned, dry and free from any contamination, e.g. oil, grease		
	2K Clear coating	Allow proper flash times before applying CC730 over TB540 and TB550 TB540 and TB550 Solid Colors, 45 minutes flash recommended TB550 Metallic Colors, 60 minutes flash recommended *Flash times maybe reduced by adding AA600 Accelerator – See TB540 and TB550 TDS		
	Before using: The product must stirred directly after the Activator and Reducer have been added.			
	Mixing stick: Use the mixing stick M6 (74-206 standard) / M7 (74-207 large) Universal cm-stick			
	VOC: 3.5 Max VOC using RE series reducers 4.3 Max VOC using RS series reducer Component: Use component as instructed per Valspar guidelines. Verify that intended end use of component is in compliance with state and local air quality rules before use.			
	3.5 Max VOC Mixing ratio with Activator and Reducer: (By volume)	CC730 3.5 HS Urethane Clear Coat AU544 Polyurethane Activator RE6x0 Exempt Reducer (RS670/680/690) (Rx670 Fast / 680 Medium / 690 Slow)		3 parts 1 part 1 part
	4.3 Max VOC Mixing ratio with Activator and Reducer: (By volume)	CC730 3.5 HS Urethane Clear Coat AU544 Polyurethane Activator RS6x0 Exempt Reducer (RS670/680/690) (Rx670 Fast / 680 Medium / 690 Slow)		3 parts 1 part 1 part
	Viscosity: 18 – 26 sec. (DIN4/68°F/20°C)			
	Gun set up: Gravity Feed Siphon Feed HVLP (Gravity Feed) Pressure Pot Airless / and with air support Atomizing Air Pressure	Nozzle / Tip Size: 1.3 – 1.5 mm 1.6 – 1.8 mm 1.3 – 1.5 mm 1.0 – 1.2 mm 0.009” – 0.011”	Air Pressure: 35-40 psi (2.5-2.8 bar) 35-45 psi (2.5-3.1 bar) 30 psi (2.0 bar) Inlet Air 28-32 psi (2.5-2.8 bar) 2500 – 3000 psi (until 200 bar) 55-65 psi (1.5-4.5 bar)	
	Application: Recommended Film Thickness:	Option 1: 1 full wet coat 1.5 – 1.7mil / 37 – 43 µm (DFT)	Option 2 1 medium wet coat, flash until non stringing, followed by 2nd medium wet coat 1.7 – 3.0 mil / 43 – 75 µm (DFT)	

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	Clean up: (check the local regulations!)	RS6xx Reducer Solvent or RE6x0 Exempt Reducer	
	Flash between coats at 77°F/25°C:	Not applicable	Until non stringing
	Air-dry at 77°F/25°C: (DFT dependent)	Dust Free - 15-20 min Print Free - 6 hours To sand and buff – 12 hours	Dust Free – 25-30 min Print Free - 6 hours To sand and buff – 16 hours
	Flash before force dry Force-dry at 140 – 158°F: (60°C – 70°C)	10 minutes 45 minutes 140°F/60°C object temperature	
	Recoat: (see Technical Data Sheets)	Without sanding – 24 hours After 24 hours CC730 must be scuffed before re applying clearcoat	
	Use suitable respiratory protection (the use of fresh air supply respirator recommended).		
	Precautions: During application all health and safety measures referring to the use and handling of coating materials are to be observed, e. g. existing regulations issued by the trade associations in the Chemical Industry. For Health and Safety information please refer the Material Safety Datasheet (MSDS). Information also available at www.valsparindustrialmix.com		
	Note: The products listed are intended only for the professional user and for professional use. All recommendations in words and writing given on the use of our products to customers or users are not binding and do not give reasons for secondary obligations resulting from the bill of sale. Every care is taken to ensure that the technical information provided is accurate and up to date according to the present state of knowledge in science and our experience. These recommendations do not, however, exempt the customer from autonomously checking whether our products are suitable for the intend purpose. The durability of the coating system largely depends on the thorough preparation of the surface. Furthermore our universal terms of delivery and payment are applicable.		
	With the publication of this Technical Data Sheet all previous versions regarding this product are no longer valid.		

If used as instructed, this product is designed to comply with the US National Volatile Organic Compound (VOC) Emission Standard for Automobile Refinish Coatings. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.