

TECHNICAL DATA SHEET

C4101 Universal Clearcoat

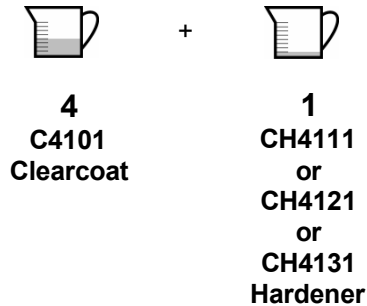


SUBSTRATES

C4101 can be applied over Basecoats or cured Single-Stage Enamels.



MIXING



Hardener Selection Chart

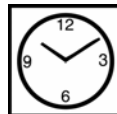
CH4111	55°-75°F
CH4121	70°- 90°F
CH4131	85°F and above



APPLICATION

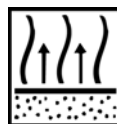
1. Apply 2 coats, allowing each coat to flash to hand-slick between coats or a wet-on-wet "limited flash" application can be used allowing a 2-5 minute flash between coats.
2. Adjust air pressure to:

HVLP	8 - 10 psi
Conventional	50 – 60 psi



RECOAT

Basecoat:	10-15 minutes
Single-Stage Enamels:	8 hours to overnight dry
Clearcoat:	Allow C4101 clearcoat to dry overnight, then scuff with 1000 grit and reapply clearcoat



DRYING

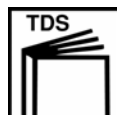
Air Dry Times at 70°F

Dust Free:	40-45 minutes
To Deliver:	8 hours
Force Dry:	30 minutes @120°F surface temperature



BUFFING

If necessary, after 24 hours air dry, or cool down from force dry, sand with 1500 or finer grit paper and buff with the appropriate compound. Buffing is easiest when done within the first 48 hours following application.



PHYSICAL DATA

Pot Life:	1 hour at 75°F
FE12 Fisheye Eliminator	$\frac{1}{3}$ to 1 oz/RTS quart
C4101 Theoretical Coverage:	583 square feet/gallon @ 1 mil dry

If used as instructed, this product is designed to comply with Volatile Organic Compound (VOC) Standards in low-VOC jurisdictions, 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.

PRODUCT DESCRIPTION:

C4101 is a National Rule high solids, urethane clearcoat designed for overall refinishing. These clearcoats work well in air dry or force dry environments and provide excellent gloss, DOI, leveling, blending, and buffing characteristics.

SURFACE PREPARATION:

Refer to basecoat's manufacturer for basecoat application and dry times.



PERSONAL PROTECTION

- For use by trained professionals only.
- Read label, directions, and MSDS before use.
- Use appropriate Personal Protective Equipment while mixing and spraying.

REGULATORY DATA

C4101	As Packaged		As Applied	
	<u>lb/gal</u>	<u>g/L</u>	<u>lb/gal</u>	<u>g/L</u>
Actual VOC	4.0 Max	480 Max	4.0 Max	480 Max
Regulatory VOC	4.5 Max	540 Max	4.5 Max	540 Max
Density	7 – 8	900 – 1000	7 – 8	900 – 1000
	<u>Wt %</u>	<u>Vol %</u>	<u>Wt %</u>	<u>Vol %</u>
Total Solids Content	35 – 45	30 – 40	40 – 45	35 – 40
Total Volatile Content	55 – 65	65 – 70	55 – 60	60 – 65
Water	0	0	0	0
Exempt Compound Content	< 13	< 16	< 11	< 13
Coating Category	Clear Coating			

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