



GENERAL INFORMATION

LICP300 is a two-pack modified amine-cured epoxy primer formulated for extreme environments. LICP300 delivers excellent adhesion, water and chemical resistance combined with extreme corrosion protection.



1. COMPONENTS

- LICP300 Epoxy Primer Anti-Corrosive - Buff
- EKP300 Epoxy Primer Activator
- X01 Reducer Fast Low VOC
- X02 Reducer Medium Low VOC
- 171 Reducer Fast
- 172 Reducer Medium
- 173 Reducer Slow
- 174 Reducer Very Slow
- 171HP Reducer High Performance Fast
- 172HP Reducer High Performance Medium
- 173HP Reducer High Performance Slow
- 174HP Reducer High Performance Very Slow
- LICR70 Multi-Purpose Reducer - Fast
- LICR80 Multi-Purpose Reducer - Medium
- LICR90 Multi-Purpose Reducer - Slow



2. MIXING RATIO (20:1 by volume)

- Mix 20 parts LICP300 to one (1) part EKP300 Activator
- May be reduced up to 10% by volume with reducers listed above

USA VOC compliant rules:

- For 3.5 VOC compliance use Low VOC Reducers X01 or X02
- For VOC US National Rule use other reducers listed above



3. POT LIFE @ 77°F (25°C)

- Four (4) to six (6) hours



4. CLEAN UP

- Use Valspar Refinish Reducers listed above (check local regulations)



5. ADDITIVES

- N/A



6. SURFACE PREPARATION

PREVIOUSLY PAINTED

- Wash surface with mild detergent and water
- Rinse and dry surface
- Sand and featheredge with P180-P320
- Wipe surface with 155 or 170 Aqua Clean and wipe dry with clean cloth before product flashes

BARE STEEL, ALUMINUM

- Ensure surfaces are clean, dry and free from dirt, grease and other contamination

- Sand/Media Blast clean or sand with P80-P120

NOTE: Coat within one hour after surface preparation for optimal performance.

7. TOPCOATS

- N/A



8. TECH NOTES

- N/A



9. SUBSTRATES

- Properly prepared Steel, Aluminum



10. APPLICATION

- Spray one (1) to three (3) medium wet coats (1.0-3.0 mils 25 - 75 µm)
- Allow 5-10 minutes between coats or until surface has dulled to a matte finish
- Surface temperature should be 50-100°F (10-38°C) with less than 80% humidity preferred
- Spray application using air spray, airless or air assisted airless application equipment



11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash Time	5-10 Minutes
Print Free Time	1-3 Hours (DFT dependent)
To Topcoat	30 Minutes
To Topcoat Without Sanding	48 Hours Maximum



12. INFRARED CURE

- N/A



13. GUN SET UP

CONVENTIONAL GUN

Nozzle	1.5-1.9 mm
Air Cap	1.5-1.9 mm
Inlet Air Pressure	25-45 psi (1.7-3.1 bar)

AIRLESS / AIR ASSISTED AIRLESS GUN

Tip Size	0.13" - 0.17"
Inlet Air Pressure	900 - 1200 psi (60-80 bar)
Atomizing Air Pressure	55-65 psi (3.8-4.5 bar)



14. PHYSICAL DATA

SEE PAGE 2



14. PHYSICAL DATA (continued)
 FOR USA (National Rule/3.5 LBS./GAL Compliance)

RTS REGULATORY DATA	20:1:0-10%		20:1:0-10%	
	(170, 170HP or LIC Series Reducers)		(X01, X02 Low VOC Reducers)	
	LBS./GAL.	g/L	LBS./GAL.	g/L
Actual VOC	2.8 Max.	335 Max.	1.9 Max.	227 Max.
Regulatory VOC (less water and exempt solvents)	4.6 Max.	550 Max.	3.5 Max.	420 Max.
Density	9 - 12	1080 - 1440	9 - 12	1080 - 1440
	WT. %	VOL. %	WT. %	VOL. %
Total Solids Content	45 - 50	27 - 32	45 - 50	27 - 32
Total Volatile Content	50 - 55	68 - 73	50 - 55	68 - 73
Water Content	0	0	0	0
Exempt Compound Content	27 - 32	34 - 39	33 - 38	41 - 46
Coating Category	Primer Surfacer/Sealer			

NOTE: US Regulations allow for the use of exempt compounds for VOC calculations.

FOR REST-OF-WORLD (outside US and Canada):

RTS REGULATORY DATA	20:1:0-10%	
	(170, 170HP or LIC Series Reducers)	
	LBS./GAL.	g/L
VOC	6.0 Max.	720 Max.
Density	9 - 12	1080 - 1440
	WT. %	VOL. %
Total Solids Content	45 - 50	27 - 32
Total Volatile Content	50 - 55	68 - 73
Water	0	0
Coating Category	Primer Surfacer/Sealer	

NOTES

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.