



**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
- EKP300 Curing Agent
- X01 Fast Exempt Uni-Solvent LV
- X02 Medium Exempt Uni-Solvent LV
- 171 Fast Uni-Solvent up to 75°F (24°C)
- 172 Medium Uni-Solvent 75°-85°F (24°-29°C)
- 173 Slow Uni-Solvent 85°-95°F (29°-35°C)
- 174 Very Slow Uni-Solvent 95°F (35°C) and over
- LICR70 Multi Purpose Reducer - Fast
- LICR80 Multi Purpose Reducer - Medium
- LICR90 Multi Purpose Reducer - Slow



**2. MIXING RATIO**

BY VOLUME- 20:1

Mix twenty (20) parts LICP300 to one (1) part EKP300 activator (20:1 by volume). Additional thinning should not be required for most applications. The activated paint can be thinned as needed solvents or reducers listed above.

**USA VOC compliant rules:**

For VOC 3.5 compliant use Uni-Solvent LV X01 or X02.  
 For VOC national rule use solvents or reducers listed above.



**3. POT LIFE @ 77°F (25°C)**

4-6 Hours



**4. CLEAN UP**

Uni-Solvent 171-174 or Uni-Solvent LV X01, X02 (check local regulations)



**5. 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.



**6. SUBSTRATES**

- Properly prepared Steel, Aluminum



**7. APPLICATION**

- Spray one to three 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



**8. 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



**9. 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)



**10. PHYSICAL DATA**

VOC (PKG) per US Gal.	3.50 (max.)
Viscosity (RTS) #2 Sig. Zahn @ 77°F/25°C	14 - 20 sec.
Viscosity (RTS) DIN 4 @ 77°F/25°C	<15 sec.
Recommended DFT	1.0-3.0 mils (25-75 µm)
Total Solids by Weight (RTS)	50.29%
Total Solids by Volume (RTS)	32.01%
Sq. Ft. Coverage/US Gal. @ 1 mil (RTS)	504.9
Total HAPS (lb HAPS/solid gal.)	2.46
VOC (RTS) per US Gal.	3.5 max.

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.