



GENERAL INFORMATION

LIC 40 is a general purpose polyurethane enamel formulated to give outstanding gloss, depth, chemical resistance, and durability.



1. COMPONENTS

- LIC40 Polyurethane Enamel Color
- LK40 Polyurethane LIC Activator
- X01 Fast Exempt Reducer
- X02 Medium Exempt Reducer
- 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

LIC40 Polyurethane Enamel must be activated. Mix 4 parts LIC40 Base Color to one (1) part LK40 Activator. Use unreduced for brush, roll, or airless spray. For airspray, reduce 25% with reducers listed above.

USA VOC compliant rules:

For VOC 3.5 compliant use Exempt Reducer X01 or X02.
 For VOC national rule use reducers listed above.



3. POT LIFE @ 77°F (25°C)

2 1/2 - 3 Hours



4. CLEAN UP

Uni-Solvent 171-174 or Exempt Reducers X01, X02 (check local regulations).



5. SURFACE PREPARATION

USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.



- Abrade with P320 grit dry sandpaper or equivalent.
- Wipe with AquaClean 170.
- For best results apply anti-corrosive primer such as LIC P Series epoxy primer.



6. SUBSTRATES

- LIC Epoxy Primer
- Non-reversible existing finishes in good condition
- Properly Prepared Steel and Aluminum



7. APPLICATION

May be applied by brush, roll, or spray. Brushing or rolling recommended only on small areas. Use unreduced for brush, roll, and airless spray. Apply with a foam or cigar roller. Load roller with paint and apply with a gentle surface pressure. (Do not press the roller firmly on the surface.) Use airless spray tips between .013" and .017" in diameter, depending on spray pressure and job conditions.

For Air Spray:

- Spray 2 - 3 medium wet coats
- Allow 10 -15 minutes flash time between coats



8. FLASH / DRY TIMES

AIR DRY @ 77°F AND 85% R.H.

Tack Free	2 Hours
To Tape	6 Hours
To Recoat	16 Hours



9. GUN SET UP

CONVENTIONAL

- Gravity Feed 1.4 mm - 1.8 mm
- Siphon Feed 1.6 mm - 1.8 mm
- HVLP
- Gravity Feed 1.3 mm - 1.5 mm

AIR PRESSURES

- Gravity Feed 35-40 psi (2.5-2.8 bar)
- Siphon Feed 35-45 psi (2.5-3.1 bar)
- HVLP Inlet Air 30 psi (2.0 bar)
- See spray gun manufacturer info



10. PHYSICAL DATA

SEE PAGE 2

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.



10. PHYSICAL DATA (Continued)

RTS REGULATORY DATA	4:1		4:1:25%		4:1:25%	
	(No Reduction)		(170 / LICR Reducer Line)		(Exempt Reducer Line)	
	LBS./GAL.	g/L	LBS./GAL.	g/L	LBS./GAL.	g/L
Actual VOC	5.0 Max.	600 Max.	4.95 Max.	594 Max.	3.15 Max.	378 Max.
Regulatory VOC (less water and exempt solvents)	5.0 Max.	600 Max.	5.0 Max.	600 Max.	3.5 Max.	420 Max.
Density	8 - 12	960 - 1440	8 - 12	960 - 1440	8 - 12	960 - 1440
	WT.%	VOL.%	WT.%	VOL.%	WT.%	VOL.%
Total Volatile Content	20 - 45	35 - 55	35 - 55	45 - 65	30 - 50	45 - 65
Water Content	0	0	0	0	0	0
Exempt Compound Content	0 - 10	0 - 10	1 - 10	1 - 10	5 - 20	10 - 30
Coating Category	Single-Stage Coating		Single-Stage Coating		Single-Stage Coating	

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