



**GENERAL INFORMATION**

LIC43 is a general purpose polyurethane enamel formulated to give outstanding chemical resistance, and durability for use where a lower gloss level is required. Mixing LIC formulas using LIC43 binder yields products with a 60° gloss reading of 0-20%.



**1. COMPONENTS**

- LIC43 Low Gloss Polyurethane Enamel Color
- LK40 Polyurethane LIC Activator
- 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**

LIC43 Polyurethane Enamel must be activated. Mix 4 parts LIC43 Base Color to one (1) part LK40 Activator. Use unreduced for brush, roll, or airless spray. For airspray, reduce 25% with 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)**

2 1/2 - 3 Hours



**4. CLEAN UP**

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



**5. SURFACE PREPARATION**

USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.



- Abrade with P320 grit dry sandpaper.
- 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	1 Hour
To Tape	4 Hours
To Recoat	16 Hours



**9. GUN SET UP**

**CONVENTIONAL**

Gravity Feed 1.5 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**

VOC (171-174 reduced)	4.2 lbs/gal (504 g/L) max
VOC (X01/X02 reduced)	3.5 lbs./gal. (420 g/L)
Volume Solids	54% Average
Flash Point	46° F / 8°C
Theoretical Coverage	833 sq. ft. per mil/25 µm per gallon