

# Restoration Shop

Quality Automotive Paint Products

# TECHNICAL DATA SHEET PRODUCT INFORMATION

## AL — Acrylic Lacquer



HIGH PERFORMANCE ACRYLIC LACQUER CLEAR  
RSP CL3245



LACQUER THINNER BY RESTORATION SHOP  
LT70 & LT85

The Restoration Shop AL Series Acrylic Lacquer is a fast dry, acrylic based lacquer system designed for Automotive Restoration Purposes. AL Series Acrylic Lacquer single stage colors can be polished to a full gloss. CL3245 High Performance Acrylic Lacquer Clear coat may be used to give more depth of color and added durability as well as making polishing easier.

### COMPONENTS:

- AL — Acrylic Lacquer Color
- LT 70 — Lacquer Thinner
- LT 85 — High Gloss Lacquer Thinner
- CL3245 — High Performance Acrylic Lacquer Clear

### MIXING RATIO:

Reduce 100% with LT Lacquer Thinner. Use one part lacquer to one part thinner (1:1). AL Kit contains the exact amount required to obtain the 1:1 Mix Ratio.

### POT LIFE @N/A:

There is no pot life at this mixture

### CLEAN UP:

- RSP KT-025-GL — Compliant Cleaning Solvent
- RSP ACE-GL — Acetone

### ACTIVATOR/HARDENER:

N/A

### SUBSTRATES:

AL Series Acrylic Lacquer may be applied over: Cleaned, sanded and primed OEM or Refinish topcoat. Custom Shop KEP Epoxy Primer / Sealer. DTM HB624/LP21 Acrylic Lacquer Primer.

### SURFACE PREPARATION:

Use recommended undercoat system following recommended procedures.

- Wipe with KW901 Grease and Wax Remover or KW902 Anti-Static Panel Cleaner
- Abrade with 150 grit then 320 grit sandpaper or equivalent.
- Wipe again with KW901 Grease and Wax Remover or KW902 Anti-Static Panel Cleaner
- For best results apply anti-corrosive primer such as KEP Series epoxy primers over bare metal.

### APPLICATION:

#### For Air Spray

- Spray 4-6 medium wet coats or to full hiding is achieved.
- Allow 5-10 minutes@ 70°F flash time between coats.

### DRY TIMES:

#### Air Dry @77°F

Tack Free \_\_\_\_\_ 5-10 minutes  
To Tape \_\_\_\_\_ 1 Hour  
To Recoat \_\_\_\_\_ Overnight

### GUN SETUPS:

#### Recommended Tip Size

HVLP \_\_\_\_\_ 1.2mm—1.5mm

### AIR PRESSURES:

Refer to gun manufacturers recommendationst

### OPTIONAL CLEAR COATING:

If desired, a clear coat can be applied to provide additional long term durability and wet-look appearance. CL3245 High Performance Acrylic Lacquer Sun screening Clear. Mix 1 : 1 with LT85 High Gloss Lacquer Thinner. Apply 3-4 coats before clearcoat. Allow the final coat of color to dry a minimum of 30 minutes but no longer than 24 hours before applying clear. After 24 hour, color must be sanded and additional coat of color applied. To avoid the risk of crazing, it is best to apply all coats of lacquer on the same day.

### PHYSICAL DATA:

VOC AL Color or Clear \_\_\_\_\_ 5.2 lbs/gal (624 g/l) max  
VOC LT 70 Medium \_\_\_\_\_ 5.89 lbs/gal (706 g/l)  
VOC LT 85 Slow \_\_\_\_\_ 4.85 lbs/gal (582g/l)  
VOC mixed 1:1 with LT 70 Medium \_\_\_\_\_ 5.54 lbs/gal (664g/l)  
VOC mixed 1:1 with LT 85 Slow \_\_\_\_\_ 5.02 lbs/gal (602g/l)  
Flash Point \_\_\_\_\_ 53°F

**SAFETY:** Before using any Restoration Shop product, be sure to read all MSDS and application instructions and warnings. Always wear a properly fitted air purifying respirator with organic vapor cartridges and particulate filter or a fresh air respirator (depending on product selection), eye protection, gloves and protective clothing during application and until vapors are exhausted. Do not permit anyone without protection in the painting area. This product is intended for use by a professionally trained painter. Keep out of the reach of children.

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