



Highland International, Inc.



Technical Data Sheet

37 Series HiCryl High Solids Acrylic Enamel

HiCryl is a super wet look, one coat, automotive acrylic enamel designed to meet 3.5 pounds per gallon VOC. HiCryl's high solids content guarantees outstanding coverage rates and one coat coverage if desired. HiCryl is available with an optional High Solids Urethane Hardener to enhance overall durability. HiCryl's extensive track record has proven that the only available product that will surpass its automotive performance (ease of application, wet look and durability) is Highland's 64-HF Series HiShield Polyurethane Enamel.

Vehicle Type:	Acrylic Alkyd	Dry-Time:	Normal Application	Hot Application
Pigmentation:	Varies with color. Lead & Chromate free	To Touch	15 Minutes	N/A
Reducers for:	Not normally required	Tack Free	1 Hour	N/A
In Summer if desired:	#64 Reducer	To Recoat	30 Minutes	N/A
In Winter if desired:	#50 Cold Weather Reducer	To Tape	8 Hours	N/A
Mixing Ratio:	Single Package	To Decal	4-6 Hours	N/A
For Enhanced Durability:	Add 1 pint (8:1) 34-ALH-100 per gallon	V.O.C.:	3.5 Lbs. per Gallon (419 Grams/Liter)	
Pot Life:	3 Hours @ 77°F (when 34-ALH-100 is added)	Shelf Life:	1 Year Minimum	
Volume Solids:	50% +/-	Finish:	High Gloss	
Theoretical Coverage:	800 Sq. Ft. per mil per gallon	Color:	Full Range	
Flash Point:	24°F (lowest flashing component)	Weight:	Varies with color: 9-10.5 pounds per gallon	
Recommended DFT:	2-3 mils			

Preparation: All surfaces to be painted should be dry and free of all foreign contaminants. Apply over #26 Series Fast Dry Primer/Sealer, #35-S Series HiBond Sanding Primer, or #77 Series HiGrip Epoxy Primer.

Application Requirements: Stir and strain product thoroughly prior to use. Reducer is not needed; however, if desired, use #50 Cold Weather Reducer or #64 Reducer depending on the air temperature. Apply at a rate of 266 to 400 square feet per gallon to obtain the recommended film thickness.

Special Notes: For enhanced durability, add 1 pint (8:1) #34-ALH-100 Hardener per gallon.

Method of Application:

Conventional Spray

Airless Spray:

Gun:	DeVilbiss MBC-510	Gun:	Graco 205-591
Fluid Tip:	E	Pump:	30:1
Air Cap:	704	Tip Range:	3.011 - 4.013 @ 1800 psi minimum
Atomizing Pressure:	60 psi	Hose:	3/8 inch ID
Pot Pressure:	15-20 psi		
Hose:	1/2 inch ID		
Brush or Roller:	Not Recommended		
Clean Up:	Clean all equipment with lacquer thinner.		

Safety Precautions: (a) Use normal precautions such as gloves, facemasks, and barrier creams.

(b) Adequate ventilation must be maintained. In confined areas, workmen must wear constant flow airline respirators. (c) If product comes into contact with skin, wash thoroughly with lukewarm

water or diluted Boric Acid, and obtain immediate medical attention. (d) This product contains **FLAMMABLE** materials. Keep away from sparks and open flames. Observe **NO SMOKING** regulations.

(e) All electrical equipment and installations should conform to NEC regulations. In areas where explosion hazards exist, workmen should be required to use non-ferrous tools, and to wear conductive, non sparking shoes. (f) Observe low flash regulations. (g) Refer to Material Safety Data Sheet (MSDS) for complete safety instructions.

The technical data listed herein has been compiled for your convenience and guidelines, and is based upon our experience and knowledge. However, since we have no control over the use of this information, or this product, no warranty, express or implied, is intended or given. Highland assumes no responsibility whatsoever for coverage, performance, or any other damage, including injuries from use of this information of products recommended herein.

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