



# Highland International, Inc.

## Technical Data Sheet



### 49-LH Series "Fast Dry" Rust Inhibitive Sanding Primer (Low HAPS)

**49-LH Series** is an extremely fast drying Acrylic Phenolic "rust inhibitive" primer specifically designed for OEM applications where speedy topcoating, handling and sanding is needed. Its complex system of rust inhibitors assures excellent corrosion protection even in rugged industrial or atmospheric conditions.

<b>Vehicle Type:</b>	Acrylic Phenolic	<b>Dry-Time:</b>	<b>Normal Application</b>	<b>Hot Application</b>
<b>Pigmentation:</b>	Zinc Phosphate (Lead & Chromate Free)	<b>To Touch</b>	15 min.	N/A
<b>Reducers for:</b>	Not Normally Required	<b>Tack Free</b>	45 min.	N/A
<b>Mixing Ratio:</b>	Single Package	<b>To Topcoat</b>	Min-30 min. Max-No limit	N/A
<b>Pot Life:</b>	N/A	<b>To Handle</b>	1-2 hours	N/A
<b>Volume Solids:</b>	43%	<b>To Sand</b>	6-10 hours	N/A
<b>Theoretical Coverage:</b>	688 Sq. Ft. per gallon @ 1 mil DFT	<b>V.O.C.:</b>	3.5 lbs. per gallon (419 grams/liter)	
<b>Flash Point:</b>	-4°F (Lowest Flashing Component)	<b>Shelf Life:</b>	1 Year Minimum	
<b>Recommended DFT:</b>	2-3 mils	<b>Finish:</b>	Flat	
		<b>Color:</b>	Off-White or Selected Range	
		<b>Weight:</b>	11.5 lbs. per gal.	

**Preparation:** Minimum surface preparation should be in accordance with SSPC-SP6 Commercial Blast cleaning. When blast cleaning is not an option, SSPC-SP3 Powertool or SSPC-SP2 Wire Brushing is acceptable and provides good results. Also, water jetting in accordance with SSPC-SP12 is acceptable. Etch aluminum or galvanized surfaces prior to priming. All surfaces to be painted should be dry and free of all foreign contaminants.

**Application Requirements:** (1) Stir thoroughly prior to use. (2) Apply at a rate of 229 to 344 square feet per gallon to obtain the recommended film thickness. (3) Topcoat with Highland #26 Series, #36 Series, #37 Series, #64 Series, #150 Series or #65C Series.

#### Method of Application:

##### Conventional Spray

##### Airless Spray:

<b>Gun:</b>	DeVilbiss MBC-510	<b>Gun:</b>	Graco 205-591
<b>Fluid Tip:</b>	E	<b>Pump:</b>	30:1
<b>Air Cap:</b>	704	<b>Tip Range:</b>	3.011 - 4.015 @ 1800 psi min.
<b>Atomizing Pressure:</b>	60 psi	<b>Hose:</b>	3/8 inch ID
<b>Pot Pressure:</b>	15-20 psi		
<b>Hose:</b>	3/8 inch ID		
<b>Brush or Roller:</b>	Brush may be used for touch-up		
<b>Clean Up:</b>	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.

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