

# Chemlok® AP-131 Primer

## Description

LORD Chemlok® AP-131 primer is a one-coat primer used to promote adhesion to a variety of substrates including architectural and automotive glass, steel, brass, silver and gold.

## Features and Benefits

**Versatile** – provides a wide range of product applications by functioning as a primer to a variety of substrates.

**Easy to Apply** – applies easily by brush, spray or dip methods.

**Convenient** – requires only a single coat for most applications, reducing labor, solvent usage, inventory and shipping costs.

## Application

**Surface Preparation** – To ensure optimum adhesion to glass, clean the bond surface with a vinegar-modified glass cleaner. For other applications, wipe surface with a suitable solvent.

**Mixing** – No mixing is required before or during use. If dilution is needed, typical dilution is 1 part toluene, methanol or ethanol to 1 part primer.

**Applying** – Apply Chemlok AP-131 primer by brush, spray or dip methods. Bond strength can be compromised by repeated brushing or improper dipping drainage.

**Drying/Curing** – Allow primer to air-dry for a minimum of 30 minutes prior to top coating.

For best adhesion, apply top coat or encapsulating polymer within 24 hours after primer cures.

**Cleanup** – Use toluene or alcohol to remove wet primer. Remove cured primer by mechanical abrasion, blasting or grinding methods.

## Shelf Life/Storage

Shelf life is one year from date of shipment when stored in a dry, well ventilated area at 21-27°C (70-80°F) in original, unopened container.

After opening, protect primer from moisture contamination. If using a 55-gallon drum, install a desiccant cartridge to dry the air drawn into the drum when drawing off product.

## Typical Properties\*

Appearance	Colorless to Slightly Yellow Liquid
Viscosity, cSt @ 25°C (77°F)	0-5
Density	
kg/m <sup>3</sup>	844.8-874.7
(lb/gal)	(7.05-7.3)
Solids Content by Weight, %	4.8-6.2
Flash Point (Seta), °C (°F)	2.8 (37)
Solvents	Toluene, Methanol, Ethanol

\*Data is typical and not to be used for specification purposes.

# LORD TECHNICAL DATA

## Cautionary Information

Before using this or any LORD product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions.

*For industrial/commercial use only.* Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

Information provided herein is based upon tests believed to be reliable. In as much as LORD Corporation has no control over the manner in which others may use this information, it does not guarantee the results to be obtained. In addition, LORD Corporation does not guarantee the performance of the product or the results obtained from the use of the product or this information where the product has been repackaged by any third party, including but not limited to any product end-user. Nor does the company make any express or implied warranty of merchantability or fitness for a particular purpose concerning the effects or results of such use.

Chemlok and "Ask Us How" are trademarks of LORD Corporation or one of its subsidiaries.

---

LORD provides valuable expertise in adhesives and coatings, vibration and motion control, and magnetically responsive technologies. Our people work in collaboration with our customers to help them increase the value of their products. Innovative and responsive in an ever-changing marketplace, we are focused on providing solutions for our customers worldwide ... Ask Us How.

### **LORD Corporation World Headquarters**

111 Lord Drive  
Cary, NC 27511-7923  
USA

### **Customer Support Center** (in United States & Canada)

+1 877 ASK LORD (275 5673)

[www.lord.com](http://www.lord.com)

For a listing of our worldwide locations, visit [LORD.com/locations](http://LORD.com/locations).

©2009 LORD Corporation OD DS3993 (Rev.0 9/09)

**LORD**  
AskUsHow™