

Chemlok® AP-134 Primer

Technical Data Sheet

Chemlok® AP-134 primer is a one-coat, moisture-cure primer used to promote adhesion to a variety of polar substrates. These substrates include architectural and automotive glass, steel, aluminum, brass, e-coated metal, glass fabric, ceramic tile, vitrified clay pipe, concrete and some plastics.

Features and Benefits:

Versatile – provides a wide range of product applications by functioning as a primer to a variety of polar substrates and as an adhesive for reaction injection molding (RIM) of polyurethane to glass.

Easy to Apply – applies easily by spray, dip or polyester felt applicator.

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. Dilution is not required.

Applying – Apply primer by spray, dip or polyester felt applicator.

Regardless of application method, the dry film thickness of Chemlok AP-134 primer should be 1.52-2.54 micron (0.06-0.10 mil).

Drying/Curing – Allow primer to hydrolyze in moist air (50-80% RH) at 21-32°C (70-90°F) for 1-2 hours. To reduce the hydrolysis time, parts can be cured in an oven at 88°C (190°F) for 3 minutes. Air being drawn into the oven should be 50-80% RH. The cure time can vary depending on the mass of the part being primed. Large parts require more time in an oven to complete cure, due to the heat sink effect of the larger mass.

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 by the recipient 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	Clear, Straw Yellow Liquid
Viscosity, cSt @ 25°C (77°F)	0.0-8.0
Density kg/m ³ (lb/gal)	863-899 (7.2-7.5)
Solids Content by Weight, %	4.8-6.2
Flash Point (Seta), °C (°F)	1 (35)
Solvents	Toluene, n-Butanol, Ethanol

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



ENGINEERING YOUR SUCCESS.

Cautionary Information:

Before using this or any Parker LORD product, refer to the Safety Data Sheet (SDS) 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 document 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 Parker LORD has no control over the manner in which others may use this information, it does not guarantee the results to be obtained. In addition, Parker LORD 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.

WARNING — USER RESPONSIBILITY. FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

©2020 Parker Hannifin - All Rights Reserved

Information and specifications subject to change without notice and without liability therefor. Trademarks used herein are the property of their respective owners.

OD DS3239 11/20 Rev.7



Parker LORD
Engineered Materials Group

111 LORD Drive
Cary, NC 27511-7923
USA

phone +1 877 ASK LORD (275 5673)

www.lord.com