

Chemlok® 207 Primer

Technical Data Sheet

Chemlok® 207 primer is a solvent-based metal primer that provides excellent resistance in a wide range of environmental conditions. It is composed of a mixture of polymers, organic compounds and mineral fillers dissolved or dispersed in an organic solvent system.

Features and Benefits:

Excellent Adhesion – provides excellent adhesion to many different metal substrates including aluminum and mechanically or chemically treated cold rolled steel.

Heat Resistant – when used in combination with Chemlok 259 covercoat adhesive, demonstrates excellent resistance to hot solutions of ethylene glycol and water on rubber-to-metal bonded parts.

Application:

Surface Preparation – Thoroughly clean metal surfaces prior to application. Remove protective oils, cutting oils and greases by solvent degreasing or alkaline cleaning. Remove rust, scale or oxide coatings by suitable chemical or mechanical cleaning methods.

For further detailed information on surface preparation of specific substrates, refer to Chemlok Adhesives application guide.

Mixing – Thoroughly stir primer before use, and agitate sufficiently during use to keep dispersed solids uniformly suspended. If dilution is needed, use MIBK or MEK. Note proper dilution for the various application methods is best achieved by experience. Give careful attention to agitation since dilution will accelerate settling.

Applying – Apply primer by spray, dip, brush or any method that gives a uniform coating and avoids excessive runs or tears.

Regardless of application method, the dry film thickness of Chemlok 207 primer should be 5.1-10.2 micron (0.2-0.4 mil).

Shelf Life/Storage:

Shelf life is nine months from date of shipment when stored by the recipient at 21-27°C (70-80°F) in original, unopened container.

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.

Typical Properties*

Appearance	Gray Liquid
Viscosity, cps @ 25°C (77°F) Brookfield LVT Spindle 2, 30 rpm	70 - 450
Density kg/m ³ (lb/gal)	874.7 - 910.7 (7.3 - 7.6)
Solids Content by Weight, %	17 - 21
Flash Point (Seta), °C (°F)	14 (58)
Solvents	Methyl Isobutyl Ketone (MIBK), Methyl Ethyl Ketone (MEK)

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



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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.

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