

Chemlok® 6956 Adhesive

OBSOLETE

Technical Data Sheet

Chemlok® 6956 adhesive is a high-performing adhesive that bonds rubber compounds to metal. It is composed of a mixture of polymers, organic compounds and mineral fillers dissolved or dispersed in an organic solvent system.

Chemlok 6956 adhesive is recommended for use over Chemlok 298 primer. In some applications, it may be used without a primer.

Features and Benefits:

Excellent Adhesion – Adheres well to properly prepared metals, such as cold rolled steel and aluminum.

Temperature Resistant – Provides exceptional resistance to high heat applications and environments.

Fluid Resistant – Provides excellent resistance to hot solutions of water and ethylene glycol or propylene glycol.

Corrosion Resistant – provides excellent corrosion resistance when used with properly prepared metals.

Elastomers:

- Natural Rubber (NR)
- Polybutadiene (BR)
- Polyisoprene (IR)
- Polychloroprene (CR)
- Styrene-butadiene (SBR)

Application:

Surface Preparation – Thoroughly clean metal surfaces prior to primer 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.

Allow primer to thoroughly dry before applying Chemlok 6956 adhesive.

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

Mixing – Thoroughly stir adhesive before use, and agitate sufficiently during use to keep dispersed solids uniformly suspended. If dilution is needed, use xylene. 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 adhesive by brush or spray methods.

Regardless of application method, the dry film thickness of Chemlok 6956 adhesive should be 12.7-25.4 micron (0.5-1.0 mil). If adhesive is used without a primer, dry film thickness must be at least 23 micron (0.9 mil).

Drying/Curing – Thoroughly dry coated parts prior to bonding assemblies. Chemlok 6956 adhesive cures during the rubber vulcanization process.

Typical Properties*

Appearance	Black Liquid
Viscosity, cps @ 25°C (77°F) Brookfield LVT Spindle 3, 30 rpm	300
Density kg/m ³ (lb/gal)	934.6 (7.8)
Solids Content by Weight, %	20
Flash Point (Seta), °C (°F)	16 (61)
Solvents	Xylene, MIBK

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



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Cleanup – Use xylene to remove wet or dry adhesive.
Remove cured adhesive by mechanical blasting methods.

Shelf Life/Storage:

Shelf life is six months from date of shipment when stored by the recipient in a well ventilated area 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.

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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