Chemlok® 8006 Primer

Technical Data Sheet

Chemlok® 8006 water-based primer is designed to bond elastomers to metals and other substrates when used with Chemlok water-based covercoat adhesives.

Features and Benefits:

Environmentally Preferred – uses water for dilution; provides reduced VOC emissions.

Versatile – functions as an effective primer for many materials such as steel, phosphated steel, nylon, aluminum and brass.

Durable – maintains excellent metal adhesion under flexing and high-stress conditions.

Environmentally Resistant – provides excellent resistance to water, salt spray, glycol, oil and heat.

Easy to Use – easily redispersed within 5 to 15 minutes of stirring; imparts little or no settling.

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.

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

Mixing – Thoroughly mix primer before using to disperse any soft settling which may have occurred during storage. Do not shake. To prevent foaming, mechanical mixing should not exceed 30 rpm. The addition of anti-foaming agents is not recommended.

In most cases, dilution is not required. Deionized water is recommended if dilution is necessary. Add water gradually while stirring either by hand or by using another low-shear mixing method.

Applying – Preheat substrates to 60-65°C (140-150°F) prior to spray application of primer. This heat and spray method prevents runs and sags and gives a dry coating ready for covercoat application. All spray equipment, including pressure pots, hoses, guns and nozzles, should be stainless steel or plastic.

Dry film thickness of Chemlok 8006 primer should be 7.6-12.7 micron (0.3-0.5 mil).

Drying – If no preheat is employed, parts will dry in 30-60 minutes at room temperature.

Cleanup – Use soap and water to remove wet primer. Dried primer is not water-soluble and must be removed with a solvent such as acetone, MEK or isopropyl alcohol.

Shelf Life/Storage:

Shelf life is six months from date of shipment when stored by the recipient at 21-27°C (70-80°F) in original, unopened container. Do not freeze product.

Typical Properties*	
Appearance	Gray Liquid
Viscosity, cps @ 25°C (77°F) Brookfield LVT Spindle 2, 30 rpm	15-100
Density kg/m^3 (lb/gal)	 1150.3-1198.3 (9.6-10.0)
Solids Content by Weight, %	34-38
Flash Point (Seta), °C (°F)	⩾93 (⩾201)
Solvents	Deionized Water
pH	5-7

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

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.

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