Chemlok® 459X Primer

Technical Data Sheet

Chemlok® 459X primer is designed for promoting adhesion to thermoplastic elastomers (TPE), thermoplastic polyolefins (TPO) and EPDM. Chemlok 459X primer is in xylene solvent, diluted for direct application.

Chemlok 459X primer can be used in conjunction with urethane and epoxy adhesives, as well as with a variety of double-sided tapes. It may also serve as a primer to enhance the adhesion of polyurethane coatings on cured EPDM and other difficult-to-bond elastomers.

Features and Benefits:

Versatile – enhances adhesion to difficult-to-bond elastomers, increasing the adhesion of coatings, double-sided tape and adhesives.

Easy to Apply – low viscosity allows for easy application; no dilution necessary.

Application:

Surface Preparation – Wipe surface to be primed with a suitable solvent, or wash with detergent and water, then rinse.

Mixing – No mixing is required before or during use.

Applying – Apply primer by brush, dip or spray method. For optimum adhesion, the dry film thickness of Chemlok 459X primer should be approximately 2.5 micron (0.1 mil).

Drying/Curing – Allow primer to air-dry for 30-60 minutes at room temperature with good air flow, or use an oven at 93-121°C (200-250°F) for 5-10 minutes. A heat cycle generally improves adhesion.

Cleanup – Use a dry cloth wipe to remove wet primer. Remove dried primer with xylene or a ketone-type solvent.

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.

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	Amber Liquid
Viscosity, cps @ 25°C (77°F) Brookfield LVT Spindle 1, 60 rpm	~10
Density kg/m^3 (lb/gal)	 850.0 - 880.0 (7.1 - 7.3)
Solids Content by Weight, %	2.7 - 4.1
Flash Point (Seta), °C (°F)	27 (81)
Solvents	Xylene

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

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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