

Chemlok® 459X

Technical Data Sheet

Chemlok® 459X is designed for use as a primer on thermoplastic elastomers, thermoplastic polyolefins and EPDM.

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

Features and Benefits:

Versatile – enhances performance of difficult-to-process elastomers, increasing the strength of coatings, double-sided tape and surface treatments.

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 Chemlok 459X by brush, dip or spray method.

Regardless of application method, the dry film thickness of Chemlok 459X should be approximately 2.5 micron (0.1 mil).

Drying/Curing – Allow Chemlok 459X 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 performance.

Cleanup – Use a dry cloth wipe to remove wet Chemlok 459X. Remove dried Chemlok 459X with xylene or a ketone-type solvent.

Shelf Life/Storage:

Shelf life is one year from date of manufacture 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. Required to use under organized emissions. 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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ENGINEERING YOUR SUCCESS.

Chemlok® 459X

技术说明书

Chemlok® 459X设计用于热塑性弹性体、热塑性聚烯烃和EPDM的底涂。

459X可与聚氨酯和环氧类产品配合使用，也可以与各种双面胶带配合使用。它还可以作为底涂以促进聚氨酯涂料与固化后的EPDM或其他难以处理的弹性体的附着性能。

特征和优点:

用途广泛 – 促进难以处理的弹性体与基材的附着性能，提升涂料、双面胶带和表面处理剂的附着性能。

易于涂敷 – 低粘度使其易于涂敷，无需稀释。

使用方法:

表面处理 – 使用适当的溶剂擦拭要涂敷的表面，或者先使用清洁剂和水对涂敷表面进行清洁，然后再冲洗干净。

混合 – 无需在使用前或使用搅拌。

涂敷 – Chemlok 459X可采用刷涂、浸涂或喷涂方式进行。

不论采用何种涂敷方式，Chemlok 459X的干膜厚度应大约为2.5微米 (0.1密尔)。

干燥/固化 – Chemlok 459X在室温下充分通风的情况下，自然干燥需要30-60分钟；也可使用烘箱，在温度为93-121°C (200-250°F)的情况下干燥需要5-10分钟。热循环通常可提升产品性能。

清理 – 使用干抹布可以去除未固化的Chemlok 459X。固化后，可使用二甲苯或者酮类溶剂进行清除。

保质期/储藏要求:

自生产之日起，保质期为一年，但是收货人必须使用出厂未开封的原装容器，且保存在21-27°C (70-80°F) 环境下。

警示信息:

使用本品或派克洛德 (Parker LORD) 任何产品之前，请参阅安全数据表 (SDS) 和产品标签上关于安全使用和处理的说明。

*仅可用于工业/商业用途。*要求本品在有组织排放下使用。使用本品者事先必须接受相关培训。不得用于家庭用途。不得用于消费品。

典型特性*

外观	琥珀色液体
粘度, cps @ 25°C (77°F) Brookfield粘度计 1号转子, 转速60 rpm	~10
密度 kg/m³ (lb/gal)	850.0 - 880.0 (7.1 - 7.3)
固体含量, %	2.7 - 4.1
闪点 (Seta), °C (°F)	27 (81)
溶剂	二甲苯

*典型数据不可作为产品标准之用。

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