CHEMLOK® 207GB

Technical Data Sheet

Chemlok® 207GB is a solvent-based metal surface treatment 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.

Chemlok 207GB is formulated to meet VOC requirements under China regulatory specification GB33372-2020.

Features and Benefits

Versatile: can be used as a primer under a wide variety of Chemlok covercoats such as the Chemlok 6000 series and Chemlok 230 series.

Excellent Performance: works well on many different metal substrates including aluminum and mechanically or chemically treated cold rolled steel.

Heat Resistant: when used in combination with Chemlok covercoats, demonstrates excellent resistance to hot solutions of ethylene glycol and water on rubber-to-metal joined 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 application guide.

Mixing: Thoroughly stir Chemlok 207GB 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 Chemlok 207GB 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 207GB should be 5.1-10.2 micron (0.2-0.4 mil).

Shelf Life/Storage

Shelf life is six months from date of manufacture when stored by the recipient in original, unopened container. Recommended storage temperature is 21-27°C.

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 Brookfield LVT Spindle 2, 30 rpm	50 - 600
Density, kg/m^3	880 - 940
Solids Content by Weight, %	17 - 21
Flash Point (Seta), °C	14
Solvents	MIBK, MEK, Dimethyl Carbonate

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

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CHEMLOK® 207GB

技术说明书

Chemlok® 207GB是一种溶剂型金属表面处理剂，对各种环境条件具有出色的耐受性。本品是聚合物、有机化合物和矿物填料在有机溶剂体系内溶解或分散形成的混合物。

Chemlok 207GB 符合GB33372-2020挥发性有机化合物限量的要求。

特征和优点

用途广泛: 可作为底涂与各种Chemlok面涂配合使用，例 如Chemlok 6000系列和Chemlok 230系列 。

性能优异: 对于各种金属基材，包括铝和经过机械或化学处理的冷轧钢，附着性能良好。

耐热性强: 与Chemlok面涂配合使用后，橡胶金属件对乙二醇的高温水溶液具有出色的耐受性。

使用方法

表面处理: 涂敷底涂剂之前，应彻底清洗金属表面。使用溶剂型除油剂或碱性清洗剂去除金属表面的保护油、切削油和油脂。选择适当的化学或机械清洗方法，除去金属表面的锈、腐蚀层或氧化层。

对于特定基材的表面处理的详细信息请参阅Chemlok/Chemosil应用指南。

混合: 使用本品前，应彻底搅拌均匀。使用时，充分搅拌以保持悬浮固体均匀分散。如需稀释，应使用甲基异丁基甲酮(MIBK)或丁酮(MEK)作为稀释剂。针对不同涂敷方式，需要相应的稀释方法。稀释会加速沉降，搅拌是须特别注意。

涂敷: Chemlok 207GB可采用喷涂、浸涂、刷涂或任何可提供均一涂膜、避免涂膜流淌或撕裂的涂敷工艺。

不论采用何种涂敷方式，Chemlok 207GB底涂的干膜厚度应为5.1-10.2微米(0.2-0.4密耳)。

保质期/储藏要求

自生产之日起，保质期为六个月，但是收货人必须使用出厂未开封的原装容器。推荐在21-27°C环境下保存。

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	灰色液体
粘度, cps @ 25°C Brookfield粘度计 2号转子, 转速30rpm	50 - 600
密度, kg/m³	880 - 940
固体含量(重量百分比)	17 - 21
闪点(Seta), °C	14
溶剂	甲基异丁基甲酮 (MIBK)、丁酮 (MEK)、碳酸二甲酯

*典型数据不可作为产品标准之用。

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