

CHEMLOK® 208A

Technical Data Sheet

Chemlok® 208A is a surface treatment specifically developed for use with Autoseal® 3370 and other selected Chemlok covercoats in coil coating applications.

Features and Benefits

Durable: provides minimum loss of coating layer to roll-formed coated metal.

Excellent Performance: affixes well to properly prepared metals, such as aluminum, electrogalvanized steel and stainless steel.

Environmentally Resistant: provides excellent environmental resistance when used in combination with Chemlok covercoats.

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. Chemical cleaning is the preferred method as chemical treatments are readily adapted to automated metal treatment and application lines. Chemical cleaning is ideal when tight tolerances must be maintained or when blast cleaning would cause distortion.

Mixing: Thoroughly stir Chemlok 208A before use, and agitate sufficiently during use to keep solids uniformly dispersed. If dilution is needed, use xylene.

Applying: Apply Chemlok 208A by reverse roll coat method.

Listed below are conditions which provide optimum performance in coil coating applications, and subsequent performance when used with the appropriate Chemlok covercoats:

Dry Film Thickness	2.5-5.1 micron (0.1-0.2 mil)
Wet Film Thickness	10.2-25.4 micron (0.4-1.0 mil)
Peak Metal Temperature	218-232°C (425-450°F)
T-bends	0-3
MEK Double Rubs	1-10

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	Gray Liquid
Viscosity, cps @ 25°C (77°F) Brookfield LVT Spindle 2, 30 rpm	75 - 200
Density kg/m³ (lb/gal)	934.6 - 970.6 (7.8 - 8.1)
Solids Content by Weight, %	31.5 - 34.5
Flash Point (Seta), °C (°F)	21 (70)
Solvents	Xylene, MIBK, Toluene, MEK
Autoignition Temperature, °C (°F) ASTM E659-78	537 (999)

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

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DS6032CE OD 11/24 Rev.2

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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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CHEMLOK® 208A

技术说明书

Chemlok® 208A是一种表面处理剂, 专为在卷材涂料应用中与Autoseal® 3370以及其它选定的Chemlok面涂配合使用。

特征和优点

耐久性: 为轧制涂层金属最大限度地减少涂层损失。

性能优异: 对于经过适当预处理的金属 (如铝、电镀锌钢和不锈钢), 附着性能良好。

耐环境性: 和Chemlok面涂配合使用时, 具有出色的耐环境性。

使用方法

表面处理: 在涂敷前, 应彻底清洗金属表面。通过溶剂脱脂或碱洗的方式, 去除保护油、切削油和油脂。去除锈、腐蚀层或氧化层。由于自动化金属处理和应用生产线更适合化学处理方式, 因此, 化学清洁是首选方法。在必须维持精密公差或喷砂清理会导致变形的情况下, 化学清洁是一个理想的方法。

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。如果需要稀释, 可使用二甲苯。

涂敷: 采用反向辊涂法涂敷Chemlok 208A。

卷材涂料应用的最佳性能条件以及和适当的Chemlok面涂配合使用时的后续性能如下所示:

干膜厚度	2.5-5.1 微米 (0.1-0.2 密尔)
湿膜厚度	10.2-25.4 微米 (0.4-1.0 密尔)
金属峰值温度	218-232°C (425-450°F)
T形弯管	0-3
MEK双摩擦	1-10

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保质期/储藏要求

自发货之日起, 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, 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	灰色液体
粘度, cps @ 25°C (77°F) Brookfield粘度计 2号转子, 转速30 rpm	75 - 200
密度 kg/m³ (lb/gal)	934.6 - 970.6 (7.8 - 8.1)
固体含量, %	31.5 - 34.5
闪点 (Seta), °C (°F)	21 (70)
溶剂	二甲苯, 甲基异丁基酮 (MIBK), 甲苯, 丁酮(MEK)
自燃温度, °C (°F) ASTM E659-78	537 (999)

*典型数据不可作为产品标准之用。

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