

CHEMLOK® EP5081-40 FLUORESCING ADDITIVE

Technical Data Sheet

Chemlok® EP5081-40 additive is a fluorescing additive for use with the clear Chemlok adhesives, such as Chemlok AP-133, Chemlok 607, Chemlok 5150, and Chemlok Y-1520A. Chemlok EP5081-40 additive is used to readily identify adhesive coverage on the material surface when exposed to an ultraviolet (UV) light source.

Features and Benefits

Easy to Use: blends into a variety of clear products.

UV Fluorescence: allows coated substrates to fluoresce or “glow” when exposed to a UV light source; does not affect adhesion.

Clear Appearance: maintains clear appearance; does not distort optical clarity of adhesive under normal lighting.

Application

Mixing: While mixing the Chemlok adhesive, slowly add additive in approximate amounts indicated below.

Container Size of Chemlok Adhesive	Amount of Chemlok EP5081-40 Additive	
	by Weight	by Volume
3.78 L (1 gallon)	190 g (0.4 lb)	240 mL (1/2 pint)
18.93 L (5 gallon)	772 g (1.7 lb)	0.95 L (1 quart)
208.20 L (55 gallon)	8.6 kg (18.7 lb)	10.4 L (11 quart)

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Applying: For application instructions, refer to data sheet on the specific Chemlok adhesive to which the additive has been mixed.

Curing: For curing instructions, refer to data sheet on the specific Chemlok adhesive to which the additive has been mixed.

Cleanup: Use alcohol, such as methyl alcohol or isopropyl alcohol, to clean up additive.

Shelf Life/Storage

Shelf life is one year from date of shipment when stored by the recipient in a well ventilated area 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	Clear Amber Liquid
Density kg/m ³ (lb/gal)	796 - 833 (6.65 - 6.95)
Solids Content by Weight, %	8.5 - 11.5
Flash Point (Seta), °C (°F)	11 (52)
Solvents	Ethanol

*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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