

Fusor[®] 114LG/114SM Plastic Finishing Adhesive (Fast)

Technical Data Sheet

Fusor[®] 114LG/114SM adhesive is a two-component, epoxy-based adhesive designed for cosmetic repair of surface imperfections, scratches and pinholes on all plastic bumpers and body panels, including such plastics as PP, fiberglass, Metton[®], Telene[®], SMC, TEO, urethane and carbon fiber.

Note: Fusor 114LG/114SM plastic finishing adhesive is not to be used as a body filler.

Features and Benefits:

Fast Cure – can be sanded to a perfect feather edge in 20 minutes or less.

Versatile – bonds all plastic bumper and body panels; no adhesion promoter required.

Application:

Prepare – Clean the damaged plastic with Fusor 703 adhesion prep/cleaner. Dry plastics to be repaired and bring to room temperature.

Sand repair area with 80-grit sandpaper. Make a gradual taper around the repair area to eliminate sharp edges. Blow away all dust. To prevent bond failure, use hand-sanding or operate DA sander at low rpms during surface preparation.

Note: This product does not require an adhesion promoter or surface modifier. This adhesive will not bond to melted plastics.

Apply – Load the cartridge into the applicator and remove the end cap. Level the plungers by expelling a small amount of adhesive to ensure that material is coming out of both sides of the cartridge. Attach mixing tip and dispense a mixer length of adhesive to verify the material is evenly mixed.

Note: This product can be dispensed without a mixing tip. Dispense an equal amount of each component and hand mix by folding two components together. Do not whip; trapped air can cause pin holes in finished surface.

Apply adhesive to the prepared area. Press the adhesive firmly to the substrate when spreading. Apply the adhesive slightly higher than the surface to allow for sanding.

Note: Various applications, cleaners/solvents and coatings may not be compatible with this product and should be tested by the user before proceeding with intended repair procedure.

Finish – Allow adhesive to cure for at room temperature, 70°F (21°C), for 20 minutes before sanding. Slowly rough-sand the repair area with a DA sander using 180-grit sandpaper. For optimal results, contour into the plastic with a block sander and feather-edge using 220- and 320-grit sandpaper.

Allow adhesive to cure for 60 minutes at 70°F (21°C) before final finishing. Prime and paint per manufacturer's recommendations.

Note: Do not use polyester body fillers over Fusor 114LG/114SM plastic finishing adhesive, as compatibility issues may result.

For more application information, refer to www.lord.com/fusor for standard operating procedures or application training videos.

Typical Properties*

Appearance	Red Paste
Base Chemistry	Epoxy
Work Time	2 minutes @ 70°F (21°C)
Sand Time	20 minutes @ 70°F (21°C)
Paint Time	60 minutes @ 70°F (21°C)
Cure Time	1 hour @ 70°F (21°C)

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



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Shelf Life/Storage

Shelf life is 24 months from date of manufacture when stored at 75°F (24°C) 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.

Fusor® Repair Products Lifetime Guarantee*

LORD Assembly & Protection Solutions Division of Parker-Hannifin Corporation ("Parker LORD") guarantees to the user that Fusor® Repair Products (adhesives, primers, seam sealers and foams only), when used in strict accordance with Parker LORD application and use instructions, will provide a durable repair for the life of the vehicle per the product's technical data sheet. The user is solely responsible for determining the Fusor product and application method for the repair. Application and product guidance can be found on Fusor.com.

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This guarantee shall only apply to the above referenced Fusor products sold by Parker LORD on or after January 1, 2001.

Fusor Metal Bonding Adhesives shall only be used for the adhesive-only bonding (no welds or rivets) of metal to metal assemblies (steel or aluminum) in full or partial panel replacements of door skins, roof skins, quarter panels, rear body panels and other outer body sheet metal where approved by the vehicle manufacturer.

Fusor products shall not be used for adhesive-only bonding of any structural component unless specifically recommended by the vehicle manufacturer. Structural panels must be replaced in strict compliance with vehicle manufacturer guidelines. If in doubt as to what is a structural component or the proper installation method, contact the vehicle manufacturer. Further, any Fusor products used in marine composite repair, such as with personal water craft and the like, shall be limited to repairs above the water line.

If you have any questions or need to receive proper use instructions, contact the Parker LORD Customer Support Center at +1 800 234 Fusor (3876) or visit Fusor.com.

To comply with the requirements of the Fusor Repair Products Lifetime Guarantee, attach a copy of this completed page to the repair record, and retain with your files:

Vehicle Make/Model: _____

Vehicle Identification Number: _____

Fusor Product(s) Used for Repair: _____

Lot Number(s) on Cartridge(s) Used for Repair: _____

**This guarantee is void if product is used after the date printed on the cartridge label. Parker LORD Terms and Conditions of Sale shall apply to all sales of Fusor products.*



Continuing Automotive Service Education
(CERTIFIED TRAINING PROVIDER)

Instructions contained in this document need to be followed to qualify for the LORD Fusor Lifetime Guarantee. Values stated in this technical data sheet 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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OD DS6223 07/21 Rev.0

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