

Body Repair Tech Note: Approved Structural Adhesives and Urethane Sealants

Body Repair Tech Notes provide information about Tesla-approved methods and practices for body repair. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or for repairs attempted by unqualified individuals.

This Body Repair Tech Note supersedes BR-15-92-008 R4, dated 23-May-17. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Approved Structural Adhesives

The structural adhesives listed below are approved for Tesla structural repairs:

- Fusor 2098 Structural Adhesive
- 3M Scotch-Weld EC-9323 B/A (4:1 by volume)
- 3M Impact Resistant Structural Adhesive 07333
- Dow BETAMATE™ 2098

NOTE: Refer to [BR-17-92-002](#), "Obtaining Adhesives, Coolant, and Other Chemicals" for information on obtaining approved structural adhesives.

⚠ WARNING: Do not use non-approved structural adhesives for a structural repair on a Tesla vehicle.

⚠ WARNING: Never use expired structural adhesive. Always check the expiration date on the structural adhesive before using.

⚠ WARNING: Do not use structural adhesive as a substitute for welds, rivets, or any other fastening method listed in a Tesla Body Repair Manual. Apply structural adhesive only to the areas shown in the relevant Body Repair Manual procedure.

Approved Urethane Sealants

The urethane sealants listed below are approved for Tesla repairs:

- Dow BETASEAL™ Express
- Dow BETASEAL™ 1527EP

NOTE: Use Dow BETAPRIME™ 5504G primer with the urethane sealants listed above.

NOTE: Refer to [BR-17-92-002](#), "Obtaining Adhesives, Coolant, and Other Chemicals" for information on obtaining approved urethane sealants.

⚠ WARNING: Do not use non-approved urethane sealants for a repair on a Tesla vehicle

For feedback on the accuracy of this document, email BodyRepair@tesla.com.