

SAFETY and HANDLING

- Epoxy resins and hardeners, including those included in this kit can be irritating to the skin. Prolonged contact may result in sensitization. Breathing of mist or vapors may cause allergenic respiratory reaction, especially in highly sensitive individuals.
 - Avoid contact with eyes and skin. Use goggles, a face shield, safety glasses or other items as required to prevent contact with the eyes. If material gets into the eyes, immediately flush with water for at least 15 minutes and call a physician.
 - Wear protective rubber apron, clothing, gloves, face shield or other items as required to prevent contact with the skin. In case of skin contact, immediately wash with soap and water, followed by a rinse of the area with vinegar, and then a further wash with soap and water. The vinegar will neutralize the hardener and lessen the chances of long term effects.
 - Avoid breathing vapors. Wear a suitable chemical respirator.
 - Composet LLC epoxy products are made from raw materials carefully chosen to minimize or even eliminate toxic chemicals, and therefore offer the user high performance products with minimum hazard potential when properly used.
 - Generally, the Composet SLV epoxy resin and hardener will present no handling problems if users exercise care to protect the skin and eyes, and if good ventilation is provided in the work areas.
 - Keep the work area as uncluttered and clean as possible. Clean up any spills immediately to prevent accidental skin contact at a later time. Keep tools clean and properly stored. Dispose of trash and empty containers properly.
 - **Do not use any of these types of products until Material Safety Data Sheets have been read and understood.**
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LIMITATIONS and WARRENTY

Composet Products L.L.C. has no control over the manner and application by which others handle and use this material, There is no guarantee that the same results as those described herein, or the desired results, will be obtained. This information is presented in good faith to assist the user in determining whether our products are suitable for their application. No warranty or representation, however is intended or made, nor is protection from any law or patent to be inferred, and all patent rights are reserved.

Before using, user shall determine the suitability of the product for their intended use. User assumes all risk and liability whatsoever in connection there with. In no event will Composet Products L.L.C. be held liable for incidental or consequential damages.

Our products have been developed for use in making general repairs to laminates and composites. Use of these products will not restore your vehicle to original OE design criteria. As the user of the products you assume responsible for the design of the repair, deciding how you will use the product in your repair, and the integrity of the repair. These products may not suitable for repair of major delamination, rot, impact damage, etc. The products work best in minor cosmetic repair of light delamination of the Filon skin.

If you choose not to use your Composet Products L.L.C products, determine you are not qualified to use these products, or conclude that the product is not right for your use or application we will refund your purchase price upon return of the unopened product with proof of purchase. Contact us at sales@delamrepair.com. Buyer's and User's sole and exclusive remedy in all circumstances is limited to replacement of the purchase price.

GENERAL USE INSTRUCTIONS

Carefully read and understand the preceding Safety and Handling, and Limitations and Warranty. Carefully read and understand the Material Safety Data Sheets. Composet Products L.L.C. products are chemicals and should be handled and used with caution. Personal Protective Equipment (PPE) such as safety glasses, gloves, and canister style respirators designed for chemical fumes are highly recommended.

Part 1 - PREPARATION AND PLANNING

- A. Most delamination is caused by water intrusion. Finding and fixing water issue is critical.
- B. Planning your repair process is a key component to a successful repair. Take the time evaluate the situation through investigation, consulting experts in RV repair, an engineer, or the vehicle manufacturer. Make certain you are confident in the repair process you develop.
- C. Assemble all tools and supplies in advance. Prepare the work site, and create a step-by-step action plan.
- D. In some instances the best repair is achieved by removing and replacing a door, window, or other component.
- E. Clamping is required . Clamping and securing the damaged area can be challenging, however clamping and holding the parts together during the cure process is critical. Design and test a clamping system prior to starting work.

Part 2 - USING THE EPOXY and KIT

- A. DO NOT MIX THE EPOXY UNTIL YOU ARE READY TO USE IT.
 - B. The adhesives contained in this kit are two-part epoxies. Both components (catalyst and resin) have to be mixed together in the correct ratio and properly cured to achieve the intended properties.
 - C. The Loctite epoxy dual-barrel syringe is self-metering when you follow the directions on the package.
 - D. The Composet Products L.L.C. SLV 2-part system requires manual measuring and mixing.
 - 1. The best way to determine the proper amounts of catalyst and resin is by weighing the materials on a small scale. Mix ratio by weight - 100:28 (100 parts resin to 28 parts hardener). They can also be measured by volume. Mix ratio by volume- 3:1 (3 parts resin to 1 part hardener)
 - 2. Do not fill the supplied plastic mix cup more than one-quarter full with either component.
 - 3. It is important to thoroughly mix the two parts for two to three minutes. Begin by pouring the resin into the cup. Slowly add the correct amount of catalyst to the resin and stir with the supplied plastic paddle.
 - 4. Record the time of day when you mix the material. This will allow to keep track of the work life of the mixed epoxy.
 - 5. After mixing, the Composet Products L.L.C. epoxy can be loaded into the single-barrel manual syringe if desired.
 - 6. Work time is 45-60 minutes. Warmer temperatures will shorten this time, and cooler conditions will lengthen the time. Do not apply at temps over 95F or below 55F.
 - 7. The mixed epoxy will cure completely at room temperature given adequate time. Cure times and work life were determined at an ambient shop temperature of 72F - 75F.
 - 8. Substantial cure will be achieved overnight. Full cure will result after 2 days at normal ambient temperatures.
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Part 3 - FILLING and CLAMPING

- A. It is important to get the epoxy into the repair. Typical methods including pouring and/or injecting. If possible, open the joint slightly using a small wedge or suction cup, being careful not to impart additional delamination.
- B. Cleanliness is very important. Any particles, debris, fasteners, etc. that are inside the joint can prevent adequate clamping. Foreign particles, damaged substrate, and debris will telegraph through the skin and be seen as a defect. Make sure the joint is completely clean prior to filling and clamping.
- C. The single-barrel syringes can be helpful in directing the epoxy flow, or to inject into small holes drilled into the repair.
- C. Give the epoxy a few minutes to flow and penetrate before closing the repair and clamp the joint.
- D. The Composet Products L.L.C SLV epoxy will flow, run, and drip.
- E. Prior to pouring or injecting, close the bottom of the joint using the supplied Loctite epoxy, caulk, sealant, or tape.
- F. Protect all surfaces that you do not want bonded or damaged. Use heavy plastic sheeting and painters tape to mask surfaces. Wax based Mold Release can also be used on tools and to protect surfaces.
- G. After filling the joint clamp the surfaces together.
- H. Apply clamps and let epoxy cure overnight.

