



Swift Canoe & Kayak

Patch Repair Instructions

It is best to work in a warm, dry environment; it is strongly recommended to avoid doing repairs using resin on a wet/rainy day. The resin has shelf life of 4-6 weeks.

This kit contains:

- 1 tongue depressor
- Can of vinylester resin
- Liquid hardener
- Latex gloves
- 120 grit sandpaper
- Mixing cup
- Patch Material*
- Peel-ply

*Patch material will be Kevlar or Fiberglass depending on the construction of your canoe/kayak

**Note to our U.S. customers – Hardener will not be included in your kit as we are unable to ship it across the border. Liquid hardener can be purchased at almost any hardware or marine supply store.*

You will also need:

- Disposable 1" wide paint brush with synthetic bristles
- Disposable organic vapour face mask

Preparing repair area:

- Using the sandpaper provided "scuff-up" the area on the interior of the canoe to be patched.
- Also sand about 1" around area to give the resin something to adhere to.
- Make sure area is clean and dust free before moving on the next steps

Prepare resin:

- It is best to wear latex gloves when working with the resin and hardener. If you do happen to get the hardener on your skin wash immediately under cold water for 10-15 minutes.
- Pour resin into the paper cup until it is about $\frac{3}{4}$ full and then mix in approximately 15 drops of hardener.
- Use the tongue depressor to thoroughly mix the resin and hardener.
- Once mixed together, you have approximately 15-20 minutes of working time before the resin begins to gel up. Make sure all your materials are ready and nearby.

Applying patches:

- Try to angle the boat so that the area to be patched is horizontal. This lessens the chance of the resin running.
- Lay the Kevlar/Fiberglass patches in the correct areas. Using your paint brush, begin brushing resin on to the patches. Make sure that they are thoroughly soaked with resin.
- Lay the peel ply over your resin soaked patches.
- Using your paint brush with a small amount of resin "stick" the peel-ply to your patches and work out any air pockets using your brush. Leave about a 1" border around the peel-ply dry and resin free.
- Leave the peel ply on for an hour or until the resin has fully hardened.
- Pull the peel-ply off using the dry 1" border.
- Let the repair completely cure for 24 hours.
- Lightly sand any areas where the resin is sharp.

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