



Surfboard & SUP Repairs in Glassfibre

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Your high performance surfboard, sailboard or SUP is made to be light & responsive, but needs to be kept structurally sound & waterproof to prevent delamination and discolouration and to retain its performance characteristics and resale value. Cracks can absorb water. Repairs are a simple process and most users should be able to competently carry out their own by following these simple steps:

- **WHAT YOU NEED** : besides the kit you have purchased, you may need some scissors, masking tape, a blade and some Acetone (from your kit stockist) for cleanups.
- **WHAT YOU HAVE**: In the kit is a resin especially formulated for repair use, containing a surfacing agent to aid the curing process and sanding. It is fully prepared for use, except for the addition of the catalyst (or hardener). Use only the catalyst supplied. Observe the precautions on the bottle and treat with caution. Dispense by squeezing gently away from you. **Do not use** any type of metal measuring equipment with the catalyst! Mix with the flat spatula provided.



**FIRST
AID**

SKIN Contact: Wash well with soap and water.

EYE Contact (Especially Catalyst): Flush with water for 15 minutes

and contact a Doctor. **DROWSINESS:** Ventilate and remove from

vapours. **SWALLOWING:** Contact Doctor, do not induce vomiting.

**KEEP THESE PRODUCTS AWAY FROM YOUR EYES, HEAT,
METAL & CHILDREN.**

- **WHAT PRECAUTIONS TO TAKE:** Work in a well lit, well ventilated area in an ambient temperature of at least 20°C. Observe all the precautions on the can and the bottle of catalyst. Wear a mask and goggles if available.
- **WHAT TO LOOK FOR:** Apart from the obvious, look for cracks/fractures that may be admitting water. Check the nose and tail for damage, and around the fins or boxes in particular. Dents or pressure points on the decks of boards are common and acceptable, but check that they are not leaking, and that they are free from fracture lines or cracks. Deeper cracks may need a V-shaped groove cut into them.
- **WHAT TO DO:** Make sure that the area to be repaired is clean and dry. Remove any loose or flaking material, dirt or paint, and prepare by sanding the area around the repair to provide a key. **SHAKE THE RESIN WELL BEFORE USE.** For small fractures simply catalyse a small quantity of resin (say half the pot full - 50 grams) by adding 1.5% catalyst. (The equivalent of 25 drops of the catalyst - see MIXES below) Mix the catalyst into the resin well with the wooden spatula. You will have around 10-15 minutes to use this mixture before it starts to gel. Use less catalyst if you need more time, or if the temperatures are higher (i.e. 25°C). Use more (30-40 drops) if you want a fast gel time or temperatures are low (15°C) Use the catalysed resin directly onto small fractures, or mix with a small quantity of chopped up glassfibre to make a paste. If needed, wet out a layer or two of glassfibre over the ding. After application, and the resin has gelled, trim off the excess with a sharp blade, or/and when hard, sand level with the coarsest paper, and then the finer middle grade paper supplied. Finish off with the fine grade wet&dry paper, wetting with a little water and sanding in small circular motions.

For deeper damage, it may be necessary to cut away the damaged foam, and shape a replacement piece to fit. Glue the foam into place with a little catalysed resin, shape to just below the laminate level. Build up above the surrounding level with several layers of the glassfibre cloth, wetting out each layer with catalysed resin, using a gloved finger to squeeze out trapped air or excess resin. Let the resin gel, cut off any excess and allow to harden (1-2 hours) Sand level with the surface. Finish if necessary by brushing with a little catalysed resin over the area, and when cured, sand in small circles with wet & dry paper.(the finest sandpaper supplied plus water). Polish if necessary with brasso or cutting polish to restore the shine. Buff with a polish to finish.

- **MIXES:** The mixing pot supplied, full to the line,(125 gms) requires 1.5% catalyst, equivalent to 60-70 drops of catalyst. Half the mixing pot of resin needs 25-30 drops of catalyst. Half the 125 gm can would require around 30-35 drops of catalyst from the dispenser. The full can needs around 65 drops.

WARRANTY: Neither the seller or manufacturer assumes liability for injury, loss or damages resulting from the use of this product. Defective materials will be replaced. This does not affect your consumer statutory rights.

