



Star Inflatables Instructions

Repair Instructions Using Two-Part PVC Glue

Items Needed:

- Pencil
- Scissors
- Patch material
- MEK (methyl ethyl ketone) -- may be purchased at any paint store, Lowe's, or Home Depot
- Piece of cloth to apply MEK
- Two-part glue (glue and accelerator)
- Glass or metal bowl or cup to mix the glue and stirring instrument
- 1 inch paint brush -- cut the bristles so they are only about half as long
- Small roller or screw driver with rounded handle
- Hair dryer

These directions work well for small cuts up to one inch. A larger cut needs an inner patch and is best done by a professional.

1. Cut a patch of material generously larger than the cut to be patched and round the corners.
2. Lay the patch in position on top of the area to be patched and draw around it with a pencil. This marks the area to be glued.
3. Clean the patch and the area to be repaired with MEK. This not only cleans the area but prepares the material so the glue will penetrate and hold better. For PVC it is not necessary to do any buffing.
4. Mix glue and accelerator in your bowl or cup in correct proportion, mixing only as much as you will need for this repair. The accelerator you received is the proper amount of catalyst for the amount of glue you received. We have found estimated proportions work just fine. A more precise measure is 120 drops per 8 ounce cup.
5. Using the cut off paint brush, apply the first coat of glue to both pieces that are being joined. Let the glue dry thoroughly between coats -- approximately 15 minutes or until it is not tacky.
6. Repeat the same procedure for the second coat of glue.

7. When thoroughly dry, apply the patch in the correct position, pressing from the center outward to eliminate air bubbles.

8. Using a small roller or the rounded end of a screw driver, press firmly on the patch in all directions. At the same time, apply heat as this is very important to re-activate the glue. A hair dryer on high works well. It is not recommended for someone without experience to use a heat gun as it can easily get too hot for the material.

9. Allow the glue to cure (with the boat inflated) for 24 hours before use on the water.

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