



## Airalite™ Boat Repair Tips and Hints

### A. Cuts and Gouges

#### **Materials Needed**

- 400 Grit Wet Sand Paper
- Knife
- Clear Plastic Wrap
- A Bond-able Adhesive: examples: Super Glue, Polyester Resin, and Methyl Methacrylate

#### **Instructions**

- **Step 1:** Clean the damaged area with soap and water.
- **Step 2:** Using knife, remove all chips that extend from the hull.
- **Step 3:** Fill the damaged area with adhesive.
- **Step 4:** Stretch a piece of clear plastic wrap over the area and smooth out. Allow adhesive to harden. This can take up to 24 hours to fully cure.
- **Step 5:** Lightly sand area with 400 grit **wet** sand paper.

**Optional:** Your Airalite™ hull can be polished further with a buffer or commercial polishing compound. Additionally, you can paint your hull with commercial gloss spray paint.

### B. Cracks or Splits on Hull or Deck

#### **Materials Needed**

- 400 Grit Wet Sand Paper
- Knife
- Clear Plastic Wrap
- Adhesive Tape
- Drill with 1/16 inch Bit
- Polyester Resin
- Fiberglass Tape

#### **Instructions**

**Step 1:** Clean the damaged area with soap and water.

**Step 2:** Using knife, remove all chips that extend from the hull.

**Step 3:** Drill a hole using the 1/16-inch drill bit at both ends of the crack or split.

**Step 4:** Apply resin to the crack or split.

**Step 5:** Cover area with clear plastic wrap and use adhesive tape to pull the damaged edges together.

**Step 6:** After approximately 1 hour, or after the resin sets, remove the plastic wrap and tape.

**Step 7:** Cut a piece of the fiberglass tape so that it extends over the damaged area plus about 1-inch on either end.

**Step 8:** Mix enough Polyester resin to cover the tape on both sides.

**Step 9:** Cover tape on both sides with resin.

**Step 10:** Place Tape over the crack or split from the inside of the hull when allowable. Press the tape down so that it sits cleanly over the damaged area.

**Step 11:** Allow to harden for 24 hours, though boat can usually be handled within 1 hour.

**Step 12:** Lightly sand area with 400 grit **wet** sand paper.

**Optional:** Your Airalite™ hull can be polished further with a buffer or commercial polishing compound. Additionally, you can paint your hull with commercial gloss spray paint.

### C. Leaking Through Seams

#### **Materials Needed**

- 400 Grit Wet Sand Paper
- Knife
- Clear Plastic Wrap
- A Bond-able Adhesive: examples: Super Glue, Polyester Resin, and Methyl Methacrylate

#### **Instructions**

**Step 1:** Clean the damaged area with soap and water.

**Step 2:** Fill the damaged area with adhesive.

**Step 3:** Stretch a piece of clear plastic wrap over the area and smooth out. Allow adhesive to harden. This can take up to 24 hours to fully cure.

**Step 4:** Lightly Sand Area with 400 grit **wet** sand paper.

**Optional:** Your Airalite™ hull can be polished further with a buffer or commercial polishing compound. Additionally, you can paint your hull area with commercial gloss spray paint.

