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## Discovery Adhesive Kit

**Shaped by Water. Built by Hand.**

Old Town Canoe  
58 Middle Street  
Old Town, ME 04468  
207-827-5513  
<http://www.oldtowncanoe.com>

### Kit Contents:

Quantity	Description	Part Number
1	Sandpaper	1311.1050
1	Can Resin	1331.0640A
1	Can Hardener	1331.0640B
1	Stirring Stick	1311.0446

**Tools Required:** Propane Torch  
Paint Brush

**Instructions:** Read instructions thoroughly before beginning. Work in clean area out of direct sunlight. Avoid exposing skin or eyes to resin. If this should occur, wash thoroughly.

1. Sand the area where you are going to be using the adhesive (using coarse sandpaper). After sanding, wipe off areas with a brush or cloth, then look at the surface. If you see any shiny areas sand them until the shine is gone.

(USE STEP 2 ON POLYETHYLENE KAYAKS, CANOES AND DISCOVERY CANOES ONLY)

2. You now need a small propane, hand-held torch. Light the torch. When lit, you will notice that there is a cone-shaped blue flame. Adjust the torch so the cone shaped blue flame is 1" long. Move the end of the blue flame over the sanded area rapidly, using sweeping back and forth motions. The end of the blue flame should only be in contact with the sanded area momentarily. The canoe should not become blackened, melted or even hot. **DO NOT** touch the area after flaming as oils from your fingers may reverse the process. If you feel that you may have missed some of the area, wait until the hull is completely cool and repeat the process.
3. Resin working time is 20 minutes at 70 degrees Fahrenheit. At temperatures warmer than 70 degrees, the working time is greatly reduced (90 degree gives you only 10 minutes working time). With the resin at proper temperature, pour all Part B into Part A (if lesser amounts are needed, mix in a ratio of 5 parts A to 2 parts B) and mix thoroughly, until the mixture is of uniform color. With the paintbrush, apply a liberal amount of mixed resin to the sanded area.
4. Apply mixed resin to contact surface of the material or part that you are adhering to the canoe or kayak and bring it into contact. Hold in place as necessary until initial cure is complete (20-30 min.)
5. Let the resin cure for at least 6 hours, then slightly sand the edges of the area.