

# IBS

## IBS Boat Supplies

### Bonding Rubber Snap Davit Pads to a

# Hypalon Dinghy

The Rubber Pads supplied with IBS Snap Davit need to be finely abraded to a matt finish before bonding to Hypalon. Our recommended procedure is described here **MATERIALS NEEDED**

- 1 x TOLUENE SOLVENT 203124
- 1 x2 PART HYPALON ADHESIVE 202090
- PAINT BRUSH ½" 600013
- PAPER CUP 150ml 600017
- LINT FREE CLOTH
- MIXING STICK 600014
- MASKING TAPE 600021
- POLYTHENE
- SAND PAPER/EMERY CLOTH 600020
- KNIFE HANDLE OR ROUNDED PIECE OF HARDWOOD

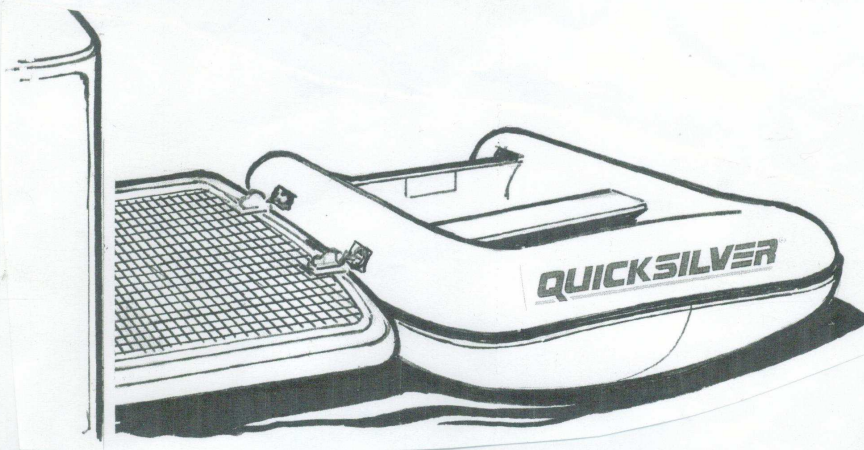
#### **BEFORE YOU START ANY GLUEING PLEASE**

**NOTE: YOUR WORKPLACE NEEDS TO BE WELL VENTILATED, WARM AND DRY. IF THE AIR IS HUMID DON'T TRY TO USE THE ADHESIVE AS IT WILL BLOOM. DO NOT USE A GAS FIRE OR NAKED FLAME HEAT SOURCE AS THE SOLVENT IS HIGHLY FLAMMABLE. DO NOT USE THE ADHESIVE IF IT HAS BEEN MIXED FOR MORE THAN 4 HOURS.**

1. Inflate the dinghy until firm (slightly under the dinghy's working pressure).
2. Outline position for pads on the dinghy, mark around the pads, with a pencil in the required position on the tube, use the masking tape to tape around the pad position. (masking off has two advantages, restricting the solvent and the

adhesive to the area to be bonded making for a clean neat job without oversmear)

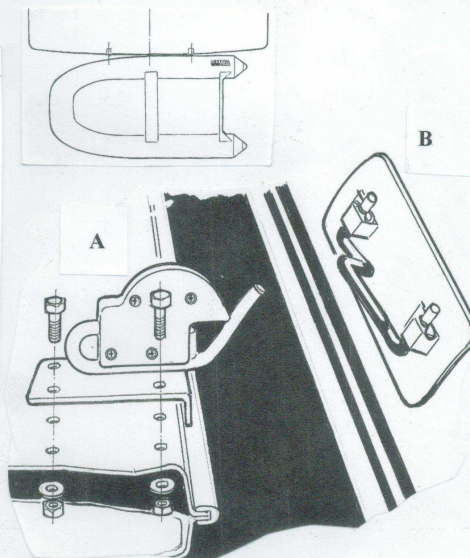
3. Abrade the surface of the tube and the pads. The surfaces need to be sanded to a matt finish. Wipe over tube and pads with Toluene Solvent to degrease, leave for 30 minutes.
4. Mix the required amount of adhesive, it is best to do one pad at a time. Apply first coat of adhesive to both surfaces, leave for 30 minutes, apply second coat of adhesive to both surfaces, leave for 15 minutes, apply one further coat and allow to touch dry, normally a couple of minutes before backing the pad with polythene. The pad can then be aligned without fear of a contact stick before you are ready. When ready gradually peel back the polythene pressing out any air bubbles to make an instant bond then consolidate the surfaces with the knife handle or block of wood by rubbing down hard working from the centre out. Remove masking tape and rub off any visible adhesive with Toluene. If this is left it will turn brown. Leave for 48 hours before use.



## TENDER – Easi-Lift Davits

### FITTING INSTRUCTIONS

- Firstly establish the Centre of the swim platform
- Position the tender alongside and mark desired Centre on Tender
- Position the sprung davits ( A ) on either side of the Centre line of the swim platform as far apart as possible
- Offer pads ( B ) onto the tender and ensure they will align with sprung davits ( A ) without fouling any components on Tender, draw round pad ( B ) with a pencil
- Drill and fit sprung davits ( A ) to swim platform with nuts and bolts ensuring all holes are sealed with a suitable sealant, if there is no access to the underside of the swim platform , use the largest self tappers available
- Fit pads ( B ) onto the Tender following carefully instructions on tin of IBS two part glue



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