

Glidden

# BLISTER-GUARD<sup>TM</sup>

## BLISTER-GUARD REPAIR

Glidden Blister-Guard is a revolutionary Gel-Kote providing the ultimate protection against osmotic blistering of boat hulls. Blister-Guard is a specialized coating designed for use below the water line only.

The hull's original Blister-Guard film thickness is not to be reduced in any way (such as sanding, sandblasting, etc.) to ensure optimum water performance. However, there may be occasions requiring the repair of the Blister-Guard surface.

The following repair procedure is intended for minor scratches, nicks or dings in the Blister-Guard Gel-Kote surface that may go as deep as to the laminate and are below the waterline. For more extensive repairs, contact a Glidden service representative.

Repairs may be conducted inside or outside. Be sure ambient conditions are dry and no lower than 65°F. When working inside, work in a well ventilated area.

### Putty Preparation:

Prepare the following Blister-Guard patching putty:

Mix approximately 3% silica thickener (Cab-O-Sil or Aerosil) into Blister-Guard Gel-Kote until the putty is of a smooth dough-like consistency.

### Surface Preparation:

Using a power drill with a routing tool, grind out the defective area just enough to provide clean surfaces for repair. If you are repairing a crack, route to the laminate and carefully route into the laminate no more than 1/32 inch.

Sand the surface around the defective area using #400 sandpaper. Sand just enough to provide a clean surface for bonding.

Clean the repair area with clean acetone and wipe dry.

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**THE GLIDDEN COMPANY**  
CLEVELAND, OHIO 44115

REGIONAL OFFICES:  
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Patch Procedure:

- . The defective area is now ready to be filled with Blister-Guard patching putty.
  - . Add 2cc of MEKP catalyst\* (approximately 100 drops) to 3 liquid oz. of putty and stir in for 30 seconds.
  - . Fill the routed area and smooth with the flat edge of a putty knife. Leave a slightly rounded overfill to allow for shrinkage of the patch.
- \* Catalyst is 1.2% MEKP, 9% active oxygen. Any catalyst which contains glycol as a carrier should not be used in the application of Blister-Guard Gel-Kote as it will tend to degrade water resistance.
- . Permit the patch to cure for 2 hours at 70-80°F, longer if less than 70°F. The cured patch is hard and tack-free.
  - . Sand the repaired area with #400 grit paper and a sanding block until flush with the original surface. Reapply more Blister-Guard patch putty, as described above, if necessary, to bring repair area to or slightly above the original surface.

The repair is now complete. If desired, apply a non-sand primer and antifouling paint system per the manufacturer's instructions.

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