

## USE OF UNDERWATER MAGIC ON VINYL LINER POOLS

Underwater Magic™ and Underwater Magic™ Mosaic underwater Adhesives are solvent free and will not attack any kind of liner material. It can even be used to glue Styrofoam to itself or to other surfaces. Some pool liner materials have special coatings to prevent them from staining, etc... There are more than 11,000 different types of vinyl liners on the market and over 7,000 of them are compatible with Underwater Magic™.

We recommend a self test to see if the liner material on your repair job is compatible with Underwater Magic™ or Underwater Magic™ Mosaic. The vinyl liner repair application is very simple, but needs some attention to achieve good, long lasting results. If you have determined Underwater Magic™ will work with the vinyl liner to be repaired here are some repair guidelines:

- 1) When you use Underwater Magic™, preparation is essential by cleaning the area to be repaired, make sure it is solid, and remove all loose particles, algae, and residuals of silicone, sunscreen and other grease. This is necessary to have a good bond.
- 2) Roughening the vinyl surfaces carefully with fine grit wet/dry sandpaper has shown to achieve a better bonding result.
- 3) Common vinyl liner pool repairs which require Underwater Magic™ are leaks in and around inlets/outlets, main drains, skimmers, lights, thermoplastic steps, swim outs, and sun shelf structures.
- 4) If applying a patch or repairing a liner tear, clean both the patch and the area where you need to apply the patch, and use a fine grit wet/dry sandpaper to roughen the surfaces slightly. Apply Underwater Magic in a square pattern, but not as a full face layer. Apply the patch and carefully press it against the repair area and give it 1 to 5 minutes to achieve initial bonding strength. (Time depends upon the positive bouncy strength of the patch) If you have access to both sides of the liner, we recommend applying a patch to both sides of the liner. Avoid excessive stress to the patch until Underwater Magic has fully cured. .
- 5) A shock treatment needs to be avoided during the full curing time of 5-7 days after application. Make sure the pool water chemistry is in balance (Chlorine/Bromine residuals at recommended levels, PH, Calcium, Total Alkalinity, etc...). The water temperature at the time of application needs to be between 41°F and 104°F. Remember that perpetually unbalanced water and over chlorination can be harmful to people and can damage the liner as well as equipment inside the pool.