

## **GENERAL INFORMATION**

FIX-A-LEAK is a blended concentrated material designed to seal leaks in virtually any material. It can be applied for leaks in the shell and works equally well in plumbing. Will seal holes 1/8" in diameter. Will form a permanent seal. Use 1 quart per pool up to 22,000 gallons. Do not use in excess of 1 quart per 5,000 gallons of water.

### **RETURN LINE REPAIR INSTRUCTIONS:**

\* Shake Well Before Using\*

Bypass FILTER MEDIA before adding FIX-A-LEAK to water. Sand filters: set filter valve to recirculate. Other types: remove cartridges DE elements from filter tank. Then proceed to circulate through empty tank

With pump running, add FIX-A-LEAK slowly through skimmer or in front of any other suction intake.

After adding FIX-A-LEAK adjust suction to main drain. If this is not possible, the vacuum cleaner could be used alternatively simply by placing the vacuum in deepest part of pool and connect to normal vacuum connection.

FIX-A-LEAK is very heavy and will sink to the lowest point rather quickly. It must be stirred back into suspension- either manually using a pool broom or mechanically with an automated pool cleaner- every 4-6 hrs. during circulation of water.

Continue to recirculate water until the leak has stopped.

Mark level of water in pool and check for 2-3 days to determine if the leak has stopped.

After the leak has stopped and given the proper time to cure (24-48 hrs.) You may return to normal filtration.

Sand Filters: set filter valve to filter and resume normal operation. Backwash out unused FIX-A-LEAK as required.

Other Types: Reinstall filter into tank and resume operation. Rinse out unused FIX-A-LEAK from filter as required.

\*NOTE\* Never let cartridges of DE elements be left to dry before they are cleaned.

Treatment can be repeated if necessary.

### **SUCTION SIDE REPAIR INSTRUCTIONS:**

\*Shake well before using\*

Suction Leaks are usually known by air mixed with the water at the return fittings. In most cases suction lines only leak water when the filter pump is shut off. Normal circulation will simply draw FIX-A-LEAK away from the leak and if the pump is shut off the material will simply not get to the leak. You must reverse the flow of water, to force the material through the leak under pressure. Preferably 5-10 psi. until the leak has stopped. When this has been achieved, gradually increase pressure to 15-25 psi. to ensure a proper seal.

You will need a submersible pump and a drum or large garbage pail. The pump is placed in the drum. You then disconnect your problem skimmer or drain line at your pool pump. Temporary plumbing is required from the submersible pump into the skimmer/drain line you disconnected. Some more temporary

plumbing is required from the skimmer/drain itself back into the drum or pail. You have created a closed loop. You will be pumping from the pail through the problem line back into the pail.

Fill the drum with water and circulate for a while keeping an eye on the loss of water in the drum. This will give you an idea of how large your leak is. Once you have an idea of how much water you're losing fill the drum back up, mark your water line and add 32 oz of Fix A Leak. Circulate the product for 4-6 hours or until you are comfortable the leak has stopped. Once the leak has stopped allow at least 72 hours of cure time before returning to normal operation. You can flush your lines by emptying the drum of the Fix A Leak mixture and running fresh water through. Reconnect your plumbing lines back to your pool pump and you are ready for normal operation.

### **SIMPLIFIED HOMEOWNER SUCTION SIDE REPAIR INSTRUCTIONS:**

Method used by a pool owner on a suction line leak.

*\*Please Note: This method is for home owners who are not able to create a closed loop system and by circulating the water in reverse to create pressure on the line.*

Immerse bottle into a container of hot water for 10-15 minutes. Shake well before using.

Most pumps do not provide a reverse flow. The way around this is to pour a half to a third of a 32oz size bottle of Fix A Leak into the skimmer with the pump off, then turn the pump on for two seconds to move the product into the line. Then with the pump off, add the remainder of Fix A Leak into the skimmer and let it sit for three days.

This has worked for many pool owners in creating a reverse flow.

Always ensure the line is filled with water, Fix A Leak remains soluble in water, once exposed to air it will harden.

This method will only achieve success if the leak is on the bottom portion of the line, as Fix A Leak is heavier than water and will sink to the lowest point, if it is not circulated. This method will usually be effective 70% of the time.

For more, visit this video on Youtube <https://www.youtube.com/watch?v=JyDyR-tEKJc>

### **VERY IMPORTANT:**

After sealing a suction leak it is a must to leave suction off the repaired line for no less than 48 hrs. FIX-A-LEAK requires time to cure and harden.

**MISCELLANEOUS LEAKS:** If you suspect a leak around fittings inside the pool (such as return fittings) lights, skimmer(s) or steps, etc. Shut down pump. Apply FIX-A-LEAK directly to the leak using a squeeze bottle, similar to a ketchup bottle. Allow a minimum of 48 hrs. to cure before starting up circulation.

### **PRECAUTION:**

Keep Out Of Reach Of Children. Can cause severe eye and skin irritation. Do not get in eyes, on skin, or on clothing. Harmful or fatal if swallowed. Avoid contamination of food. Rinse empty container thoroughly with water and discard it.

### **FIRST AID:**

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes,

contact a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink milk, egg whites, gelatin solution. If these are not available, drink large quantities of water. Call a physician immediately.

NOTE: FIX-A-LEAK has been thoroughly field-tested under various weather conditions, and has proven to be effective in sealing leaks.

FIX-A-LEAK is also an excellent preventative maintenance aid, as it coats all surfaces that it comes in contact with, it cuts down on formation of rust and corrosion. Marlig Industries nor its Agents assume responsibility for the performance of this material.