

PRODUCT INFORMATION SHEET
INSTRUCTIONS FOR USING
BILL HIRSCH MOTORCYCLE TANK REPAIR KIT

NOTE: The items in this kit are the very same high quality products sold by BILL HIRSCH and his network of dealers worldwide. The sizes of the containers have been changed to give you the proper amounts of product for cycle and small tank repairs.

All fossil fuels begin to deteriorate when left in a tank over a period of time and it is this deterioration that produces the “gum, gook, or shellac-like substance” in tanks that cause clogging, etc. This contamination must be removed before your tank can be sealed.

Metal tanks often develop a “rusting” condition when stored without being kept full with fuel. This is caused by condensation and it is the condensation that starts the rusting action within your tank.

Not all tanks have leaks nor are all tanks dirty or gummy inside. Not all tanks have rust either. But let’s assume that your tank has all of these problems. If such is the case, then let’s proceed as follows.

*This product is not to be used in fiberglass tanks that feed a 2 cycle engine where oil and fuel are stored in the same tank. **It should not be used in aircraft of any type.!!** See CAUTION on next page re- Fiberglass tanks.

FOR EMERGENCY AND PERMANENT LEAK REPAIR

If you have a metal, fiberglass, or plastic tank that is leaking and you wish to stop the leak immediately, before sealing the inside of the tank, remove from the kit, the 1” long piece of Miracle, Gray Epoxy Putty.- Remove the saran wrap and break off a small piece of the putty (just enough to plug the leak). Twist & knead until uniform color is achieved, with no streaks. Mixing time is 1-2 minutes. Apply at once to surface as putty starts to harden in 9-14 minutes after mixing. Remove excess putty before it hardens. Best results are achieved if area is first roughened by sanding or filing. Make sure surface is clean before applying putty. Note- this putty will set up in water and gasoline. You can apply it while the tank is still leaking and it will stop the leak. Work the putty right into the hole or holes. Once it dries, you can sand it smooth. A smooth finish can be obtained by rubbing with wet finger or damp cloth before hardening begins. Be sure to re-wrap the unused portion of the putty for another use.- **IF YOUR TANK IS NOT LEAKING, SKIP THE ABOVE AND GO TO THE NEXT DIRECTIONS.**

PROCEDURE FOR CLEANING, ETCHING AND SEALING TANK

1. Tank must be removed from vehicle. In as much as most of the work is in removing and reinstalling the tank, to obtain a professional job, you should follow the entire procedure for servicing your tank even though your tank may not appear to have any deterioration or rust.
2. Thoroughly clean tank with Tank Cleaner (Step 1), following the directions on the label. Be sure to remove cleaner and thoroughly air dry tank before proceeding to (Step 2) Gas Tank Etch.
3. Pour entire contents of bottle of Gas Tank Etch (Step 2) following the directions on the label. If applied according to directions, not only will this product remove the rust, but it will etch your tank leaving a coating of zinc phosphate, an excellent base for the sealer. **Before going to (Step 3) sealing the tank, it is extremely important that the tank be absolutely bone dry inside. Drying by evaporation is not good enough. Introduce warm moving air into tank until all moisture has been removed.** A hair dryer will work well.
4. Before pouring sealer into tank, be sure to read instructions on the label. You will have a good amount of sealer left over which you can use for a second application if necessary, or for use on another small tank. Unlike other sealers on the market where excess or left over sealer must be discarded, this sealer can be used for other applications at a future date.

By all means, in all cases, use the Tank Cleaner (Step 1) but if you feel that your tank has no rust and does not need the Etch (Step 2), you can proceed directly to Step 3, sealing the tank. Keep the etch for other uses as it is one of the best rust removers and metal preps on the market- Note: If you have a fiberglass tank, you can use the cleaner and sealer, but not the etch. If you

have a plastic tank, you can use only the cleaner, but not the etch or the sealer as the sealer contains MEK which might attack the plastic tank.

FACTS ABOUT BILL HIRSCH GAS TANK SEALER AND WHY IT IS THE BEST SEALER ON THE MARKET

Bill Hirsch has been supplying sealer worldwide since 1965- It seals holes & seams better than any other sealer. It has greater strength and at the same time has the flexibility that a product of this type is required to have: something other sealers do not have. It is a non porous coating and is not affected by alcohol, ethanol, or fuel additives. It will work on all types of metal and most fiberglass tanks whereas some other sealers will not work on all metals or fiberglass tanks. It is not a moisture cured urethane paint that is sold by one U.S. company as a gas tank sealer. Their own advertising states that it is moisture cured and that once you open the can, you cannot re-use it. This type of sealer, usually a light gray or silver, will not adhere to the interior surfaces of most tanks for very long and generally 6-12 months later, will break away from the inside of the tank and turn into a floating plastic bag inside of the tank. This type of product should never be used inside of a fuel tank. **BILL HIRSCH'S WHITE SEALER IS THE ONLY SEALER KNOWN TO BE RESISTANT TO 100% PURE ALCOHOL OR ETHANOL.** Bill Hirsch sealer has rust inhibitor in it while most others do not and rust can form right underneath these coatings. Moisture cured coatings, because they attract moisture are prone to having rust develop under their surface

IS BILL HIRSCH SEALER HAZARDOUS?

All chemical products are hazardous!. All should be used with extreme caution. There is no such thing as a non-hazardous sealer- The supplier of the light gray or silver product advertises that his is a non flammable product, yet on the label of his can, it states that the product is *highly flammable!!*

CAN BILL HIRSCH SEALER BE RE-USED?

Yes, unlike the POR product that must be discarded after the can is opened, **BILL HIRSCH'S SEALER**, is re-usable if it is not all used in one application. Further, if **BILL HIRSCH'S** sealer thickens after a long period of time, it can be thinned with methyl ethyl ketone (MEK).

CAN I REMOVE BILL HIRSCH'S SEALER FROM THE INSIDE OF MY TANK?

Yes, while it is difficult, it can be removed, where some other sealers cannot. Professional radiator shops, "READY STRIP" shops and chemical stripping shops can easily do this.

***CAUTION:** Before introducing sealer into the tank, the entire interior of the tank must be thoroughly dry. If only one small area of the tank is not dry or has foreign matter that may keep the sealer from adhering, the sealer will not stick to those areas and could come loose and float around in your tank and eventually come through the fuel pick up tube and clog the fuel pump, injectors, or carburetor. The solvent for this sealer is methyl ethyl ketone (MEK). Before introducing any additives to fuel tank after sealer has been installed, be sure that the product you introduce does not contain MEK which can soften and loosen the sealer which in turn can clog your fuel lines, etc. Avoid using "GUMOUT" or similar products which have been known to use MEK. If sealer is being used in a diesel tank, the tank must be thoroughly boiled or cleaned out before introducing sealer. This sealer is not for use in plastic tanks. If sealer is being used in a *fiberglass tank, all open edges of tank must be sealed so that fuel cannot wick its way through any open edges. If in doubt, call us on our toll free line.

FINAL NOTE: Over 3 million cans of Bill Hirsch's Sealer have been sold in over 40 countries since it was introduced 40 years ago. More Bill Hirsch Sealer has been sold throughout the world than all other brands combined. It is the largest selling sealer and is the only TYPE sealer used in aircraft. Does'nt that tell you something?

FOR ADDITIONAL INFORMATION CALL TOLL FREE 1 800 828 2061

**BILL HIRSCH AUTOMOTIVE PRODUCTS.
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