OVER-KOTE PLUS™

Uses no cancer-causing catalysts or activators.
One component saves time and problems with mixing.
Plastic fibers give added strength.
Formulated especially for fuel tank coating.
Quick drying time.

Over-Kote *Plus*™ is a new urethane coating which took almost two years of research and development to perfect. It combines the superior adhesion of urethane with plastic fibers for added strength and resistance to cracking.

Less Hazardous: Over-Kote *Plus*™ uses no cancer-causing catalysts. It meets 1996 U.S. A. VOC requirements. It is flammable, but no more so than other solvent-based paints.

Labor Saving: Over-Kote *Plus*™ saves mixing time because it is a one-part system. It also eliminates the problems caused by inadequate mixing of epoxies.

Quick Drying: Over-Kote *Plus*™ is classified as quick drying, but takes long enough that premature set-up is not a problem. It cures upon contact with the humidity present in the air. The higher the humidity the faster the curing. In dry climates it takes about two hours to be safe for light handling. In about four hours the tank can be safely reinstalled. As with all urethanes, complete curing takes about twenty-four hours.

Tough: Over-Kote *Plus*™ was formulated specifically for adhesion to metal tanks. Its ability to stick is improved by sand blasting or at least by solvent cleaning of the metal. Special proprietary plastic fibers have been added to improve its resistance to cracking, chipping or peeling. Because of the fibers, the overall appearance of the coating is uneven or rough. The high gloss, however, makes it look very professional.

Chemical Resistance: Over-Kote *Plus*™ is very resistant to most solvents and chemicals after curing. In fact it is very difficult to clean brushes or tools after curing. While still tacky it may be cleaned up with most paint thinners and solvents.

Application: Just brush it on and let it dry. Light rust is sealed in and pin-holes are sealed. One pint covers two average gas tanks.

Instructions:

1. De-fume gas tanks by cleaning with a de-fuming chemical, by oven or by steaming for 10-15 minutes.

2. Sand blast the tank to remove rust and to rough up the surface so that the Over-Kote *Plus*™ will adhere properly. Use #1 silica sand. You can use #2 or #3 but Over-Kote *Plus*™ does not require the extremely rough surface that other coatings require. Do not use steel shot or aluminum oxide. If the tank was not de-fumed, you must ground the tank before sand blasting. The tank must be free of rust, undercoating, grease and dirt.

   If you cannot sand blast the whole tank at least sand blast the bad rust areas. Use methyl ethyl ketone (M.E.K.) to prepare the tank if not completely sand blasted.

3. Flush the tank thoroughly with water to remove all the sand. If the inside needs cleaning for proper Red-Kote® adhesion, do it now.

4. If you put a hole in the corner of the tank to drain it you should solder in a drain cock or solder on a patch. Do not just patch over the hole with Over-Kote *Plus*™.

5. Repair large leaks or holes by soldering or epoxy. Repair as many of the smaller leaks as you are able to. Be sure to sand blast all soldered areas. Over-Kote *Plus*™ does not stick well to smooth soldered surfaces or to flux residue.

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6. Apply coating with a 2 inch paint brush. Any type of brush may be used. Use a cheap brush if you don't want to have to clean it. Just throw it away. A smaller brush may be needed to get into the rolled down seams around the edges of some tanks. (Horse hair acid swabs work great for this.) Over-Kote *Plus*™ does not level as well as paint so apply liberally and brush well to avoid missed spots. Coat one side and wait 1 to 2 hours for the first side to dry before turning the tank over. If you want you can use four nails hammered through wood supports to hold the tank and turn it over while still tacky. The nail points break loose easily and leave almost no marks. Any other convenient method of support can be used. If any metal, wood or concrete touch the coating they will be glued fast.

   The coating should be applied at temperatures above freezing. Temperature has little affect on the drying time. The coating cures by reacting with moisture in the air. The higher the humidity, the faster it dries. The lower the humidity the slower it dries. In dry winter weather about 2 hours are required before you can turn the tank over. The coating is dry enough to handle in 4 hours. Complete curing to maximum strength takes about 24 hours.

7. The Red-Kote® may be applied to the inside as soon as the Over-Kote *Plus*™ sets enough to handle the tank. <u>All exterior gas tank coatings must, in our opinion, have an internal coating also</u>. If you want to eliminate all come-backs you must use Red-Kote®. We will not guarantee any job done with Over-Kote *Plus*™ alone. All coatings come off when gas gets between the metal and the coating.

Repairing holes: The best method is to solder a sheet metal patch over the hole before applying the coating. Sand blast the soldered areas. Holes should be repaired with a metal patch cut to size, hammered to fit and sand blasted. (1010 sheet metal works well)

Brush cleaning: Use methyl ethyl ketone, xylol or lacquer thinner to clean brushes. Brushes and spills must be cleaned within 15 minutes or they may not come clean with xylol. Try M.E.K. After set-up, even M.E.K. will not work. Clean coating off skin with xylol or M.E.K. and then wash with soap and water. Brushes should be clean and dry before re-use.

Thinning: Do not thin this coating.

Spraying: This formula is not recommended for spraying due to the fiber content.

Coverage: One pint will cover two average sized gas tanks.

Unopened Shelf Life: Like all urethanes Over-Kote *Plus*™ slowly reacts with moisture and becomes thicker and finally hardens. Shelf life it at least two years if unopened.

Opened Shelf Life: Since the product cures by contact with moisture in the air, a resealed can may begin to harden. Typical self life of a half-full can is one to two months. This depends on how humid the air was when first opened. One way to extend the self-life after resealing the can lid is to shake the can vigorously. This disperses the moisture evenly in the product and prevents a hard skin on the surface. The product will still slowly gel or harden.

Resealing A Partially Used Can: Seal the lid tightly to help prevent hardening. If product is on the lip of the can the lid may be permanently glued on. If a lot of moisture got into the product on a humid day a gas may build up pressure in the sealed can. Always use caution to protect your face when opening a partially used can.

Packaging: 12 metal pint cans per case.