



**DIRECTIONS FOR POLYESTER HARDENER**

POLYESTER RESIN/GELCOAT IS CATALYZED WITH MEKP (METHYL ETHYL KETONE PEROXIDE). THE RATIO IS APPROXIMATELY ONE OUNCE OF HARDENER PER GALLON OF RESIN. USE THE FOLLOWING RATIOS FOR SMALLER AMOUNTS.

<u>AMOUNT OF RESIN OR GELCOAT</u>	<u>HARDENER AMOUNT</u>
1 OUNCE	10 DROPS
1 PINT (16OZ)	1/8 OUNCE
1 QUART (32OZ)	1/4 OUNCE
1/2 GALLON (64OZ)	1/2 OUNCE
1 GALLON	1 OUNCE

**(Colored GELCOATS can require upto DOUBLE the amount of hardener shown. When temperatures are above 85, regular ratios should be used.)**

THESE AMOUNTS ARE EASILY MEASURED IN THE OUNCE CUP WHICH IS SUPPLIED WITH THE RESIN. THE ABOVE RATIOS SHOULD GIVE YOU A POT LIFE OF ABOUT 15 TO 20 MINUTES AT 80 DEGREES F. IF YOU ARE SATURATING FIBERGLASS REINFORCEMENT IT SHOULD BE READY TO RECOAT IN ABOUT 1-1/2 HOURS. TIME WILL VARY FROM WINTER TO SUMMER SINCE HIGHER TEMPERATURES PRODUCE FASTER CURING. THE RATIO OF HARDENER TO RESIN CAN BE INCREASED OR DECREASED BY 50% TO ADJUST FOR WEATHER, THICKNESS OR YOUR WORKING PREFERENCE. TEMPERATURES ABOVE 90 DEGREES WILL DEFINITELY REQUIRE A 50% REDUCTION IN HARDENER AMOUNT.

**TIPS:** ALWAYS MIX THE MEKP INTO THE RESIN FOR AT LEAST 2 MINUTES, UNDERMIXING WILL RESULT IN UNCURED RESIN. NEVER MIX QUANTITIES LESS THAN ONE OUNCE, EVEN IF YOU ONLY NEED ONE TEASPOON, MIX UP AT LEAST ONE OUNCE LEAVING MIXED MATERIAL INSIDE YOUR CUP FOR EXTENDED TIME CAN RESULT IN A MUCH FASTER CURE. USE CAUTION WHEN WORKING BELOW 60 DEGREES, ALWAYS TEST YOUR RESIN TO MAKE SURE YOU ARE GETTING A PROPER CURE.

PLEASE NOTE CAUTIONS ON BOTH THE HARDENER AND THE POLYESTER RESIN. MEKP IS A NASTY CHEMICAL AND YOU SHOULD AVOID GETTING IT ON YOU. POLYESTER RESIN, GELCOAT AND SURFACING WAX ARE FLAMMABLE. SMOKING OR WORKING CLOSE TO A RUNNING ELECTRICAL DEVICE OR AN OPEN FLAME SHOULD BE AVOIDED. GLOVES, FACE AND RESPIRATORY PROTECTION SHOULD ALWAYS BE WORN.

**DIRECTIONS FOR SURFACING WAX**

SURFACING WAX IS A LIQUID MIXTURE OF STYRENE AND PARAFFIN. WHEN ADDED TO POLYESTER RESIN/GELCOAT ON THE FINAL LAYERS TO PRODUCE A SLICK, TACK-FREE, MORE EASILY SANDED SURFACE BEFORE PAINTING OR ADDING MORE POLYESTER RESIN/GELCOAT. THIS WAX IS NOT NEEDED WHEN AN ADDITIONAL LAYER OR POLYESTER RESIN/GELCOAT IS TO BE APPLIED ON TOP. THIS THIN WAXY LAYER MUST BE REMOVED BY LIGHTLY SANDING AND CLEANING WITH ACETONE BEFORE RE-COATING OR PAINTING.

<u>AMOUNT OF RESIN OR GELCOAT</u>	<u>SURFACING WAX REQUIRED</u>
1 OUNCE	20 DROPS
1 PINT (16OZ)	1/4 OUNCE
1 QUART (32OZ)	1/2 OUNCE
1 GALLON	2 OUNCES

**Please note:**  
**When using Surfacing Wax with your resin/gelcoat, you must also add the MEKP(Hardener).**  
**In temperatures below 70 degrees, the paraffin can solidify in the bottle. Put the bottle in the sun or in front of a lamp to reliquify. Product is flammable, use caution!**



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