

CATALYST CHART

The Catalyst for Polyester Resin is (MEKP) Methyl Ethyl Ketone Peroxide. Catalyst is added to the resin at a rate of about one and one-half percent (1 ½ %), or approximately two ounces per gallon. The table below provides the proper mix ratios.

Catalyst Concentration	QUART	GALLON	5 GALLON
1 %	10cc. 1/3 oz	40cc. 1 1/3 oz	200cc. 6 2/3 oz
1 ¼%	12.5cc. 2/5 oz	50cc. 1 2/3 oz	250cc. 8 1/3 oz
1 ½%	15cc. ½ oz	60cc. 2 oz	300cc. 10 oz
2 %	20cc. 2/3 oz	80cc. 2 2/3 oz	400cc. 13 1/4 oz

These amounts can easily be measured using a 1 ounce measuring cup. The above ratios should provide a pot life of about 15-20 minutes at 75 degrees F. If you are saturating fiberglass it should be ready to recoat in approximately 1 ½ hours. The time will vary according to the temperature. The ratio of Catalyst to Resin can be increased or decreased by up to 50% to adjust for the temperature or working preference. Please note that MEKP is a very toxic chemical and you should avoid contact with skin. Polyester Resin is highly flammable and you should avoid working near an open flame or near electrical devices.

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WAX CHART

Surfacing wax is a mixture of styrene and paraffin wax. When added to polyester resin, it produces a slick, tack-free and easily sanded surface. Before painting or applying more Polyester Resin, the thin layer of wax must be removed by sanding. Surfacing wax may be added by using the following ratios:

WAX	RESIN	GELCOAT
½ OUNCE	1 PINT	1 PINT
1 OUNCE	1 QUART	1 QUART
4 OUNCES	1 GALLON	1 GALLON

The amount of Surfacing Wax is not critical and may be adjusted to suit working conditions.

FIRST AID CAUTIONS WHEN USING CATALYST OR WAX:

In case of skin contact, wash thoroughly with soap and water. For eyes, flush IMMEDIATELY with plenty of water for 15 minutes and call a physician. Remove and wash all contaminated clothing before reuse. If inhaled, move to fresh air promptly! If swallowed, CALL A PHYSICIAN AT ONCE! DO NOT INDUCE VOMITING! KEEP OUT OF REACH OF CHILDREN!!