



**Power Addicts YouTube / FixJeeps.com**

**www.youtube.com/poweraddicts or www.FixJeeps.com**



# CATALYST RATIO CHART

Volume of Catalyst (MEKP) to be mixed with Polyester Resins or Gelcoat

	1/2%			3/4%			1%			1-1/2%			2%		
	CC	Oz.	Tbsp	CC	Oz.	Tbsp.	CC	Oz.	Tbsp.	CC	Oz.	Tbsp.	CC	Oz.	Tbsp.
1 Pint	3	-	-	4	1/8	-	5	1/8	0-1	7	1/4	0-1	9	3/8	0-2
1 Quart	5	1/8	0-1	7	1/4	0-1	9	1/3	0-2	14	1/2	0-2	18	5/8	1-1
1 Gallon	20	5/8	1-1	30	7/8	1-2	40	1-1/4	2-1	60	2	3-2	80	1-1/2	5-0
Outside temp 98 Deg and up			88 Deg			78 Deg			73 Deg			68 Deg			

**NEVER CATALYZE LESS THAN 1/2%**

**NEVER CATALYZE MORE THAN 2%**

Volume	Catalyst (MEKP)		
	3/4%	1%	1-1/2%
2 oz	9 Drops	12 Drops	18 Drops
4 oz	17 Drops	23 Drops	35 Drops
8 oz	1.75 CC	2.3 CC	3.5 CC

**Notes:**

1. One gallon of polyester resin weighs ~ 9.2 pounds.
2. One gallon of Gelcoat weighs ~ 10.5 pounds
3. 20 drops of catalyst (MEKP) is equal to one CC.
4. The "Tbsp" measurements denotes first number Tablespoon and the second number is Teaspoon.
5. Outside temperature **WILL** effect curing time.
6. MEKP means Methyl Ethyl Ketone Peroxide.

**Safety:**

1. Wear safety glasses. MEKP is extremely caustic! May cause blindness. This stuff is NO JOKE!!
2. If you get it in your eyes, flood your eyes with water for at least 15 minutes. Then seek medical advice as soon as possible.
3. If swallowed do not induce vomiting! Drink lots of water in small sips to dilute and seek medical advise as soon as possible.
4. Wear gloves! MEKP can burn your skin. If you get it on your skin flush with lots of water.
5. Do not mix excessive MEKP in the resin. When it starts curing it can react very violently. Hence never catalyzing over 2%.
6. Keep away from heat, open flames and sparks. Yep .. Its flammable.

Use a MEKP dispenser bottle like this one. It has CC marks in the cup on top to assist in achieving proper mix ratios.

[Click here for current pricing.](#)

Some people use a syringe to measure the catalyst . Please don't use them. When you squeeze the syringe to put the catalyst in the resin, it can spatter back in your face. Catalyst can blind you!



See these links for more information:

<https://www.fixjeeps.com/Fiberglass-Repair.html>

<https://www.youtube.com/poweraddicts/>