

Eclipse/SUP Repair



A quick step guide to repair a molded Epoxy Eclipse
or molded Epoxy SUP.

Repair materials-

- Evercoat Quantum 1 EPOXY based filler cures in 5 minutes (auto body shop)
- 4 oz cloth cut into strands
- Carbon fiber (Optional)
- Stir sticks
- Putty knife
- Grinder
- Sand paper
- Sanding block
- Sand Paper 120 grit
- Sand Paper 220 grit
- Sand Paper 600 grit wet dry
- Sand Paper 800 grit wet dry

-DO NOT USE POLESTER
BASED BONDO



Or Solar Rez Epoxy Repair Kit available
at <http://solarez.com/>
-DO NOT USE POLESTER BASED BONDO

SUP Epoxy Pro Repair Kit

\$31.50

Quantity:

 ☐

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DESCRIPTION

SUP Pro Repair Kit contains:

- ZEROVOC styrofoam-safe UV-Cure fiberfil putty
- WAHOO 2-Part Epoxy Resin
- Solarez **FLEX** wetsuit and deck pad repair
- Fiberglass cloth and rope
- Stainless steel scissors
- Applicators
- Sandpaper
- Eco-friendly clean up solvent
- Masking tape and razor blade

Everything you need for a professional repair.



Repair area on tail



Ding on tail on bottom pre step 1





Repair area

Step 1 Tape off repair area this helps the repair from growing in the repair.



Repair area

Step 2 grind into the ding and remove any loose broken material lightly sand any area with 120 grit sand paper.



Repair area after grinding.



Step 3 mixing the Epoxy filler with 4 oz or 6 oz fiberglass cloth chopped up into $\frac{1}{2}$ " strands+ carbon fiber chopped into $\frac{1}{2}$ " strands (optional)
Mix the epoxy filler/fiberglass mix until it is a thick paste.



Step 4 Applying the Epoxy filler fiberglass mix into the ding area push the paste deep into the ding. Over fill the ding slightly so the excess can be ground flush after the filler cures in about 5 minutes.



After applying the Epoxy filler fiberglass mix to the ding area.



Step 5 Grind off excess filler fiberglass mix.
This picture is after the excess filler fiberglass material has been ground off.



Step 6 Fill small voids with Epoxy filler and sand flush. This step generally gets repeated a few times until the ding is completely filled and the surface is perfectly flat.

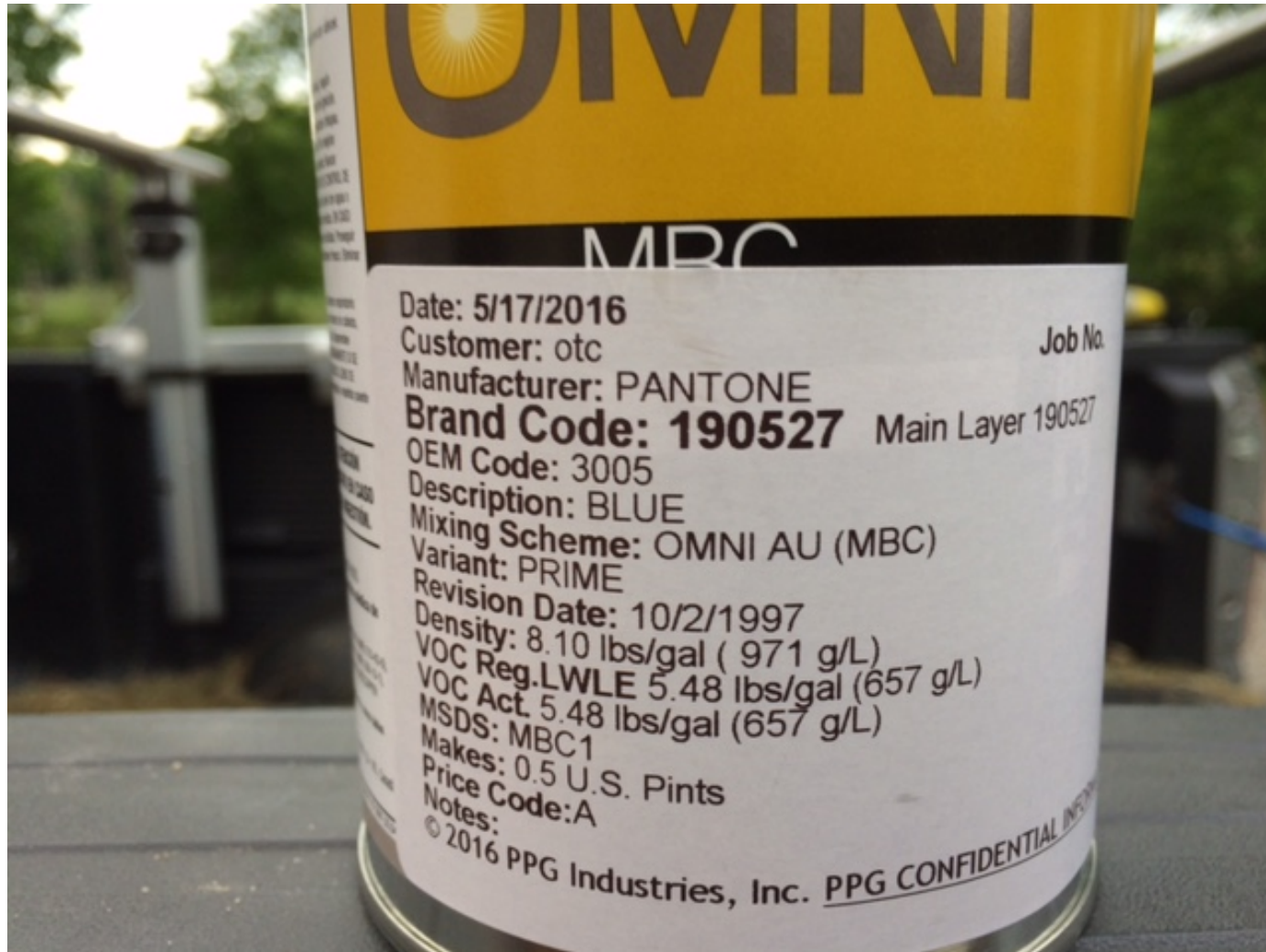


Post step 4 after applying the Epoxy filler fiber mix to the bottom.



Step 7 Grind off excess filler/ fiber mix, fill voids after sanding with additional Epoxy filler and fine sand with 220 grit sand paper. Repeat with 600 wet sand paper this prepares the area for the final step- paint.

Eclipse Paint Formula- PPG Blue



Date: 5/18/2016
 Customer: mark / abbott tech. school
 Manufacturer: PANTONE
 Brand Code: **PAN108** Main Layer PAN108
 OEM Code: 108
 Description: YELLOW
 Mixing Scheme: OMNI AU (MBC)
 Variant: PRIME
 Revision Date: 3/2/2007
 Density: 8.38 lbs/gal (1005 g/L)
 VOC Reg. LWLE 5.46 lbs/gal (654 g/L)
 VOC Act. 5.46 lbs/gal (654 g/L)
 MSDS: MBC1
 Makes: 0.5 U.S. Pints
 Price Code: C
 Notes:
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Step 8 tape off and paint. Purchase a custom color rattle can from an auto body paint store. The paint store will match the color based on the paint codes given on page 16-17.



Step 9 fine sand with 800 wet sand paper and hand
polish with automotive wax.

Repair complete.