

Fiberfil Epoxy Ding Repair

0.5 oz. 1oz. 2oz.

UPC

#75802

#75100

#75800



Solarez® Fiberfil Epoxy DING REPAIR

is a ceramic & glass-fiber filled light viscosity putty that quickly (<1 minute) cures when exposed to sunlight / UV light source. It will not melt EPS / Styrofoam and it is compatible with polyurethane (CLARK) foam, making it a universal surfboard repair kit. It has outstanding surface cure, good scratch & chemical resistance, non-yellowing and excellent gloss with extremely low odor or skin irritation. This product complies with following regulations: **REACH, TSCA, IECSC, METI & CLP Hazard.**

PHYSICAL PROPERTIES

| | |
|-----------------------|---------------------------|
| Appearance | Gardner <2 |
| Density | 1.26 |
| Viscosity | 750 cPs |
| Cured Hardness | 80 Shore D |
| Flex | <5% |
| Shelf Life | 2-3 years if stored <75°F |
| Flaspoint | >90°F |
| Heat Distortion Temp. | 158°F |

(easy to understand)

(clear to pale blue)
(25% denser than water. i.e. it will sink)
(like yoghurt)
(Hard, like PVC pipe)
(rhobust, like ABS)

(flammable, like auto diesel)
(when structural strength begins to break down)

USER PRECAUTION:

It is always prudent to wear gloves, respirator and eye protection.

PRODUCT PRECAUTION:

Do not open container near indirect sunlight. Sunlight will cause the resin to begin the curing process.

UV CURE:

Natural mid-day sunlight in temperate latitudes is ample for good curing. Cure times are influenced by many factors; UV index (time of day, daily and seasonal arc-path of the sun, latitude, cloud cover, smog, altitude (higher altitudes cure faster). For indoor curing, UV LED flashlights lights are extremely effective but need to be 385nm type. Solarez makes 3 different size flashlights that function very well for curing this resin.





- **No Mixing**
- **Non - Yellowing**
- **Tough & Resilient**
- **Super Easy To Use**
- **Comes With 60/240 Grit Sand Pad**
- **Eco-Freindly ZERO Vapors, Non-Flammable**
- **Compatible with EPS or Polyester Surfboards**

SOLAREZ Epoxy repair putty is a mixture of clear, high strength, fiber reinforced epoxy resin and an amazing solar activated catalyst. There is no mixing required, just use it right from the tube. It gels in 5 seconds, curing in 3 minutes – but **ONLY** when exposed to sunlight.

DIRECTIONS:

Surfaces need to be free of wax, oil, grease. Aggressively sand the repair area until the fibers of the substrate are visible

1) Sand the perimeter of the ding using the 60 grit sandpad that comes with the package. **Pro Tip:** On delicate EPS foam, it is advisable to lay down a quick, primer brush-coat. Brush on a thin layer of Solarez putty over the foam in the ding. Cure it in the sun for 30 seconds. Now continue with your ding repair. The primer coat will protect the delicate EPS foam from the exotherm of the ensuing thicker repair coat. **2)** Apply Solarez Epoxy directly to the ding cavity, filling it just slightly over the brim. **3)** Cover the wet resin with a piece of clear plastic wrap like Mylar or a piece of plastic baggie. Stretch the plastic, putting equal pressure on the resin and conforming the resin to the shape of the board's exterior. **4)** Irradiate with sunlight for a minute or two, depending on your climate zone. It is advisable to dodge & flash the light to the ding if the sun is extreme like in the Tropics. **5)** Once cured, carefully peel off the plastic wrap. Minimal sanding may be required.

WARNING:

Most resins give off some kind of vapor, even odorless ones. Solarez Epoxy is "Low Odor" but If using the products indoors, open windows and consider a ventilation fan or other forced air flow options. See our ventilation video on our website / YouTube/ or product information area on Amazon. For Product and all Non-Emergency Information call 1-760-509-4053 or visit <http://www.solarez.com>.

WARRANTY:

Solarez offers a **MONEY BACK GUARENTEE** If you are not fully satisfied, Solarez will exchange your purchase for another product or issue a full refund. We're here to satisfy customers with the best products and service in the industry. UV curing is new technology & has some simple nuances to learn but it is far more advantageous than existing century-old finishing techniques.

CUSTOMER SERVICE:



STILL NEED MORE INFORMATION? PROBLEM? CONCERNS?

CHECK OUT OUR YOUTUBE PAGE (SCAN QR CODE)

SEE FAQ ON SOLAREZ.COM

EMAIL US! TECHQUESTIONS@SOLAREZ.COM

