

Solarez UV-Cure Epoxy Resin

75802, 75800



A clear, non-yellowing, TOUGH (hard surface + flexible) repair resin formulated for repairing Styrofoamcore surfboards, sailboards or hobby items. This resin cures very well in sunlight and with our H.O. UV flashlight @ 385nm. Formulated especially This Zero VOC resin is non-flammable and very safe to use yet cures to a very tough finish with considerable flexibility

Curing commences within 10 seconds of exposure to mid-day sunshine in non-polar latitudes. Ambient temperatures as low as -20°F or as high as 120°F have little effect on cure time or physical properties of Solarez.

Advantages of Solarez UV-Cure Epoxy Resin:

- ZERO Volatile Organic Compounds
- Environmentally-safe
- Hypoallergenic
- Super-fast curing
- Dense crosslinking
- Non temperature-dependence (cures @-20°F)
- Doesn't absorb water (humidity) like other epoxies
- Re use of uncured "waste" resin
- Non-yellowing
- No catalyst, no rush
- Compatible with epoxy, vinyl ester or polyester resins
- Excellent flex characteristics

TYPICAL LIQUID PROPERTIES

Viscosity, Brookfield, cps 35,500

Appearance Clear

DOT Flammability Rating, °F >150

Monomer content % 35

TYPICAL PROPERTIES OF CURED CASTING

@ 77°F (guidance only)

1Tensile strength 4,200

1Tensile elongation, % 25

Compressive strength, psi 17,000

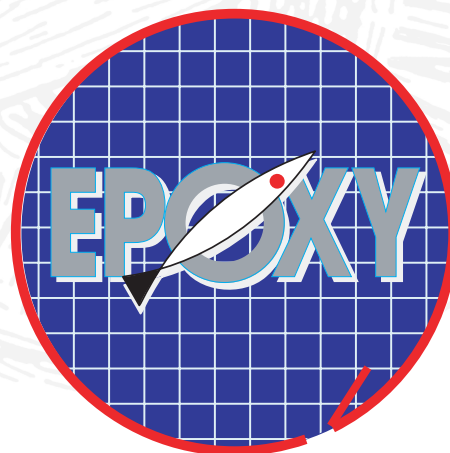
3Barcol hardness 37

Heat deflection temp, °F 180

Handling: SOLAREZ UV-Cure Epoxy resin contains ingredients that could be harmful if mishandled.

Contact with skin and eyes should be avoided and necessary protective equipment and/or clothing should be worn. For important health, safety and handling information, consult the MSDS before using this product.

Storage: Store @ temperatures below 80°F. keep away from heat, sparks and open flame. Handle only in diffused light -- never in direct sunlight. Direct sunlight will cause rapid curing of resin.



www.solarez.com