



TYPICAL LIQUID PROPERTIES

Viscosity, Brookfield, cps 100,000

Appearance Clear

DOT Flammability Rating, °F 76-100

A clear, synthetic rubber that works great to fill, seal & repair highly elastic surfaces that such as bodyboards, bellows, waders, kayaks, canoes and pool toys. It has unsurpassed adhesion on even difficult-to-bond substrates like polyethylene and polypropylene. It also serves very well to weather-proof most any material such as wood, plastics and many types of foam except Styrofoam (which it will melt). Sponge-Rez will cure dry to the touch in about 20 minutes at room temperature but reaches its full strength overnight. When thoroughly cured, Sponge-Rez is totally waterproof and incredibly strong, with a firm, tough rubberlike finish. It has some 700% elongation.

TYPICAL PROPERTIES OF CURED CASTING @ 77°F (guidance only)

Tensile strength ASTM D-638 4300 psi
Weatherability ASTM G-53 5 years
Salt Spray ASTM B-117 > 1,000 hours
Tensile elongation, % 800 !!
Durometer Shore A 74
Temperature range °F -20 – 200°F
Chemical resistance: Water, acids, alkali excellent
Chemical resistance: petrochemicals fair
Dielectric ASTM D-149 1,400 v/mil

DIELECTRIC PROPERTIES

Volume resistivity 6.2×10^{11} ohms
Surface resistance 3.7×10^9 ohms
Dielectric constant strength 400 V/mil
Tangent of Dielectric loss 2.5×10^{-4}

CHEMICAL RESISTANCE

Solvents to which Sponge-Rez is relatively immune:

Amyl alcohol	n-Propyl alcohol
iso - Butyl alcohol	Ethylene Glycol
n-Butyl alcohol	Sulfuric Acid
Butyl alcohol	Acetic Acid
Cyclohexane	Nitric Acid
Ethanol	Motor oil
Fufural alcohol	Water
Hexanol	Ammonium hydroxide
Methanol	
iso - propyl alcohol	

continued

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Solarez[®]
PRODUCTS

Sponge-Rez *NON-UV Sealant and Adhesive*
74300, 74100

Suggested uses:

Mending worn-out cracked swim fins

Sealing bodyboard leash anchors

Re-laminating hulls, decks and rails

Filling gouges in ethafoam, Arcel®, polypropylene

Wader / bootie filler, sealant and rip repair

Retreads booties and traction deck surfaces

Prevents fraying of rope / line

Bellows / boots / grommets

Waterproofs open-cell foam (except Styrofoam)

Electrical insulator for wires, chords

Storage: Store away from foodstuffs. NON FLAMMABLE. Shelf life in unopened tube >3 years



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