EPOXY49 | PRIMER 49 — ASTM SPECS & OSHA GHS

PART A = 1 GAL (4.0 KG NET) • 3-GALLON KIT (2×A + 1×B = 11.7 KG)

PART A
RESIN

ASTM PHYSICAL PROPERTIES

Solids Content	100% (ASTM D2697)
Mix Ratio (A:B)	2A : 1B Vol (2:1 Wt)
Mixed Viscosity (77°F)	350–450 cps
Shore D Hardness	80–84 D (ASTM D2240)
Compressive Strength	10,800 psi (ASTM D695)
Tensile Strength	7,200 psi (ASTM D638)
Concrete Adhesion	>450 psi (Slab Fail)
Moisture Absorption	<0.10% (ASTM D570)
VOC Content	<10 g/L (EPA Method 24)
Pot Life @ 72°F	25–35 Min (40m @ 100g)
Tack-Free / Recoat	4–6 Hrs / 6–24 Hrs
Coverage Rate	200–250 sq ft / Gal

OSHA GHS HAZARD — PART A (RESIN)



WARNING

Low-Viscosity Modified Epoxy Resin

H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H411: Toxic to aquatic life with long lasting effects.

P261: Avoid breathing vapors/spray. Keep away from open flame.

P280: Wear nitrile gloves, long sleeves & chemical safety goggles.

P302+P352: IF ON SKIN: Wipe off excess and wash with soap & water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water 15 min.

P273+P501: Avoid release to environment. Cure A+B solid to dispose.

STORAGE, PPE & EMERGENCY

- Store sealed in cool dry area at 60°F–80°F (15°C–27°C).
- If <59°F (15°C), warm Part A to ~86°F (30°C) prior to mixing.
- Avoid RH >85% during room-temp cure (prevents white haze).
- Minimize air exposure after opening. 12-month shelf life.



REQUIRED PPE:
Nitrile • Goggles • Vapor Mask

24-HOUR CHEMICAL EMERGENCY (CHEMTREC)
1-800-424-9300

TDS

EPOXY49.COM/SPECS

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LOT: PR49-A-2611