EPOXY49

POLYASPARTIC 49 — BACK SPEC

PART A = 1 GAL (3.8 KG)

PART A

RESIN

MIX RATIO: 1A : 1B (VOL OR WT)

8–24H RECOAT • 24–48H VEHICLE SERVICE

ASTM D4060 / D2240 / QUV SPECS

Solids Content	98%–99% (ASTM D2697)
Mix Ratio (A:B)	1A : 1B (Vol or Wt)
Mixed Viscosity	400–600 cps (D2196)
Working Time (72°F)	15–20 Min Open Time
Shore D Hardness	80–82 D (ASTM D2240)
Taber Abrasion	<22 mg CS-17 (D4060)
QUV UV Stability	2,000+ Hrs (ΔE<0.5)
Tensile Strength	6,500 psi (ASTM D638)
Elongation (D638)	8%–10% Thermal Flex
Hot-Tire Immunity	Pass @ 140°F Wet
Chemical Defense	Gas / Oil / Skydrol
VOC Content	<50 g/L (SCAQMD 1113)
Max Single Coat	12 Mils WFT Limit

8–24H RECOAT & 2-COAT PROTOCOL

01 **8–24H EPOXY RECOAT:** Apply over tack-free Epoxy 49 within 8–24 hrs (200–250 sq ft/gal, 6–8 mils). If >24 hrs, sand w/ 120-grit & solvent wipe.

02 **FLAKE GROUT COAT:** Scrape 1/4" flake in 2 directions & vacuum 100% clean. Roll 125–160 sq ft/gal (10–12 wet mils) & cross-roll.

03 **2-COAT SERVICE:** Apply Coat 2 within 2–6 hrs (if >8 hrs, sand 120-grit). Foot traffic 4–6 hrs • Full vehicle / 140°F hot-tire 24–48 hrs @ 72°F.

OSHA GHS — PART A (RESIN)



WARNING

Polyaspartic Acid Ester Resin (CAS 136210-30-5)

H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H412: Harmful to aquatic life with long lasting effects.

P261+P280: Avoid vapors. Wear nitrile gloves, sleeves & splash goggles.
P302+P352: IF ON SKIN: Wash thoroughly with soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water 15 min.
P273+P501: Prevent aquatic release. Dispose per federal/local code.
DOT 49 CFR: Not Regulated for US Ground, Air, or Ocean.



REQUIRED PPE:
Nitrile • Goggles • NIOSH OV Mask

24-HR CHEMTREC CHEMICAL EMERGENCY
1-800-424-9300

EPOXY49.COM/SPECS

LOT: PA49-A-2611