EPOXY49

POLYASPARTIC 49 — BACK SPEC

PART B = 1 GAL (3.8 KG)

PART B

HARDENER

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

OSHA GHS — PART B (HARDENER)



DANGER

HDI Homopolymer (CAS 28182-81-2, <0.1% HDI)

H332: Harmful if inhaled (mist/vapor).
H334: May cause allergy or asthma symptoms if inhaled.
H335: May cause respiratory tract irritation.
H317: May cause an allergic skin reaction.

P260+P284: Do not breathe vapors; wear NIOSH OV/P100 respirator.
P280: Wear ≥8 mil nitrile gloves, coveralls & splash goggles.
P304+P340: IF INHALED: Fresh air; call doctor for breathing symptoms.
P403+P233: Moisture reactive (CO_2) — reseal F-tin cap immediately.
DOT 49 CFR: Non-DG Ground (<0.1% HDI Monomer, FP >316°F).



REQUIRED PPE:
Nitrile • Goggles • NIOSH OV Mask

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

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.

EPOXY49.COM/SPECS

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LOT: PA49-B-2611