EPOXY49

POLYASPARTIC 49 CLEAR POLYASPARTIC KIT

PART B
HARDENER

PRODUCT: POLYASPARTIC: CLEAR
FORMAT: 2-GAL KIT (7.6 KG NET)

CONTENTS: PART B = 1 GAL (3.8 KG)
MIX BY KIT: 1A : 1B (VOL OR WT)

WORKING TIME 15–20 MIN • SUBSTRATE ≥5°F ABOVE DEW POINT • MAX 12 MILS / COAT

PREPARATION & DEW POINT:

Apply over scraped & vacuumed vinyl flake or tack-free Epoxy 49 (if epoxy cured >24 hrs, sand w/ 120-grit & solvent wipe). Substrate temp 50°F–90°F and MUST be ≥5°F (3°C) above dew point. Ambient RH <85%.

1:1 MIXING:

Measure equal parts 1A : 1B by volume or weight into clean dry pail. Mix gently 2 minutes @ 300–350 RPM. Do NOT whip air. High humidity accelerates cure — mix only what can be rolled in 15 min.

APPLICATION & COVERAGE:

Pour onto floor in ribbons immediately. Spread w/ flat squeegee & cross-roll in both directions w/ 18" 3/8" solvent-resistant nap roller. Smooth topcoat: 200–250 sq ft/gal (6–8 mils). Over 1/4" flake: 125–160 sq ft/gal (10–12 mils).

RESTRICTIONS & CLEANUP:

NEVER puddle or exceed 12 wet mils per coat (traps moisture / causes micro-bubble haze). Clean tools immediately with MEK or Acetone. Reseal Part B tin immediately after pouring.

ASTM PERFORMANCE SPECS

Solids Content	98%–99% (D2697)
Mix Ratio (A:B)	1A : 1B (Vol/Wt)
Working Time (72°F)	15–25 Minutes
Dry to Touch	2–3 Hours @ 72°F
Light Foot Traffic	4–6 Hours @ 72°F
Vehicle / Hot-Tire	24–48 Hours @ 72°F
Shore D Hardness	80–82 D (D2240)
Taber Abrasion	<25 mg (CS-17)
QUV UV Stability	2,000+ Hrs (ΔE<0.5)
VOC Content	<50 g/L (SCAQMD)

STORAGE & SHELF LIFE
Store dry 60°F–80°F (15°C–27°C). Part B reacts w/ humidity — reseal immediately. 12-mo shelf life unopened.

Nitrile • Goggles
NIOSH Vapor Mask

DANGER

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

H317: May cause allergic skin reaction. H332: Harmful if inhaled. H334: May cause allergy or asthma symptoms if inhaled. H335: Respiratory irritation.

Do not breathe vapors/spray — wear NIOSH organic vapor respirator, nitrile gloves & goggles. IF INHALED: Fresh air; call Poison Center if symptoms persist. Reacts w/ moisture — seal tightly.

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

TDS

LOT: PA49-B-2611

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