EPOXY49 | EPOXY 49 — ASTM SPECS & OSHA GHS

PART B = 1 GAL (3.7 KG NET) • 3-GALLON KIT (2×A + 1×B = 11.7 KG)

PART B
HARDENER

ASTM PHYSICAL PROPERTIES

Solids Content	100% (ASTM D2697)
Mix Ratio (A:B)	2A : 1B by Volume
Mixed Viscosity (77°F)	700–900 cps
Shore D Hardness	82–85 D (ASTM D2240)
Compressive Strength	11,500 psi (ASTM D695)
Tensile Strength	7,800 psi (ASTM D638)
Flexural Strength	9,800 psi (ASTM D790)
Concrete Adhesion	>450 psi (Slab Fail)
Water Absorption	<0.10% (ASTM D570)
VOC Content	<10 g/L (EPA Method 24)
Working Time / Pot Life	30–45m Slab / 20–30m Mass
Foot / Vehicle Cure	24 Hrs / 72 Hrs @ 72°F

OSHA GHS HAZARD — PART B (HARDENER)



DANGER

Cycloaliphatic Polyamine Hardener

H302: Harmful if swallowed.
H314: Causes severe skin burns and serious eye damage.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation. H411: Toxic to aquatic life.

P260: Do not breathe vapors/mist. P280: Wear gloves, goggles & face shield.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: IF ON SKIN: Remove contaminated clothes; rinse skin.

P305+P351+P338: IF IN EYES: Rinse 15 min & call Poison Center/doctor.

P501: Dispose of contents/container per local/federal regulations.

STORAGE, PPE & EMERGENCY

- Store tightly sealed indoors at 60°F–85°F (15°C–29°C).
- If <59°F (15°C), warm Part A to ~86°F (30°C) before mixing.
- Do not apply if relative humidity >85% (amine blush risk).
- Part B is moisture sensitive. 12-month unopened shelf life.



REQUIRED PPE: Nitrile • Goggles • Vapor Mask

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

TDS
EPOXY49.COM/SPECS

7 65093 01210 2
LOT: EP49-B-2611