PART A · RESIN

PRIMER 49 TM PART A - Low-Viscosity Penetrating Epoxy Resin (Component A Only)

Epoxy49 LLC · 1714 W 23rd St, Houston, TX 77008 · (346) 281-7132 · CHEMTREC 24-HR: 1-800-424-9300

SECTION 1 - IDENTIFICATION (29 CFR 1910.1200)

Product Identifier: PRIMER 49 TM PART A - Low-Viscosity Penetrating Epoxy Resin (Component A Only) | SKU: PR-49-CLR-A
Recommended Use: Component A (Capillary Epoxy Resin) for PRIMER 49 deep-penetrating concrete adhesion primer (mix 2A:1B by volume).
Manufacturer / Supplier: Epoxy49 LLC · 1714 W 23rd St, Houston, TX 77008 · (346) 281-7132 · sales@epoxy49.com
24-Hour Chemical Emergency Phone: CHEMTREC 24-HR: 1-800-424-9300 (US & Canada) / +1-703-527-3887 (Intl).

SECTION 2 - HAZARD(S) IDENTIFICATION (OSHA HAZCOM 2012 / GHS REV. 7)

WARNING



GHS07 EXCLAMATION



GHS09 ENVIRONMENT

* H315: Causes skin irritation (Category 2).
* H317: May cause an allergic skin reaction (Category 1).
* H319: Causes serious eye irritation (Category 2A).
* H411: Toxic to aquatic life with long lasting effects (Category 2).
* P261 / P264: Avoid breathing mist or vapors. Wash exposed skin thoroughly with soap and water after handling.
* P280: Wear chemical-resistant nitrile gloves, long sleeves, and ANSI Z87.1 splash goggles.
* P302+P352 / P333+P313: IF ON SKIN: Wash with soap and water. If rash or irritation persists: Get medical attention.
* P305+P351+P338: IF IN EYES: Flush cautiously with water for 15 minutes. P273/P501: Avoid release to drains or waterways.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY / COMPONENT	CAS REGISTRY NO.	WEIGHT %
Bisphenol-A / Epichlorohydrin Epoxy Resin	25068-38-6	45 - 60%
Bisphenol-F / Epichlorohydrin Low-MW Epoxy Resin	28064-14-4	20 - 30%
Neopentyl Glycol Diglycidyl Ether Reactive Diluent	17557-23-2	15 - 25%

SECTION 4 - FIRST-AID MEASURES

* Eye Contact: Flush eyes immediately with plenty of water for 15 minutes, lifting eyelids. Get medical care if irritation persists.
* Skin Contact: Remove contaminated clothing and wash skin thoroughly with mild soap and water.
* Inhalation / Ingestion: Move person to fresh air. If ingested, rinse mouth; do NOT induce vomiting. Call CHEMTREC 1-800-424-9300.

SECTION 5 - FIRE-FIGHTING MEASURES

* Flash Point >230°F (>110°C). Use alcohol-resistant foam, CO2, dry chemical, or water fog. Firefighters wear full SCBA.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

* Contain spilled resin with dry sand, earth, or vermiculite. Collect in labeled containers; prevent entry into storm drains.

SECTION 7 - HANDLING AND STORAGE

*** Store tightly closed at 60°F-85°F away from direct sun. Warm sealed Part A to ~80°F if jobsite storage drops below 59°F.**

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION (PEL / TLV)

* OSHA PEL / ACGIH TLV: None established for non-volatile glycidyl ether resins. Provide general jobsite ventilation; wear PPE.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance / Odor:	Water-clear low-viscosity liquid	**Component Role:**	Part A Primer Resin (Mix 2A : 1B)
Viscosity @ 77°F:	500 - 650 cps (unmixed A)	**Specific Gravity:**	1.11 g/cm3 (9.26 lbs/gal)
Flash Point (PMCC):	> 230°F (> 110°C) Closed Cup	**Solids / VOC:**	100% Solids | VOC < 10 g/L

SECTION 10 - STABILITY AND REACTIVITY

* Stable under normal indoor storage. Avoid accidental bulk contamination with amines, mercaptans, strong acids, or oxidizers.

SECTION 11 - TOXICOLOGICAL INFORMATION

* Oral LD50 (rat) >2,000 mg/kg; Dermal LD50 (rabbit) >2,000 mg/kg. Skin/eye irritant and sensitizer. IARC/NTP/OSHA: None.

SECTION 12 - ECOLOGICAL INFORMATION

* Toxic to aquatic organisms with long-lasting effects (H411) in uncured liquid state. Cured cross-linked film is non-leaching.

SECTION 13 - DISPOSAL CONSIDERATIONS

* Dispose uncured liquid resin through a licensed industrial waste facility in compliance with federal/state regulations.

SECTION 14 - TRANSPORT INFORMATION (US DOT 49 CFR / IMDG / IATA)

*** US DOT 49 CFR Domestic Ground: NOT REGULATED FOR DOMESTIC GROUND TRANSPORT (Non-bulk <=119 gal; Marine Pollutant >5L bulk/vessel only).**
*** IMDG Ocean / IATA Air: UN3082, Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A/F Epoxy Resin), Class 9, PG III (<=5.0 L inner SP A197 / IMDG 2.10.2.7).**
* Emergency Transport Response (49 CFR Sec. 172.604): CHEMTREC 24-HR: 1-800-424-9300.

SECTION 15 - REGULATORY INFORMATION (TSCA / SARA / 50-STATE VOC)

* US EPA TSCA 8(b): All components ACTIVE. SARA 311/312: Skin/Eye Irritation, Sensitization. SARA 313: None. 50-State VOC Compliant.

SECTION 16 - OTHER INFORMATION, HMIS RATINGS & REVISION LOG

*** HMIS III Rating: Health: 2 | Flammability: 1 | Physical Hazard: 0 | PPE: B (Safety Goggles & Chemical-Resistant Nitrile Gloves)**
* Revision Date: November 2026 (Rev 2026.11) | Prepared By: Epoxy49 LLC · 1714 W 23rd St, Houston, TX 77008 · (346) 281-7132.
* Disclaimer: Data furnished in good faith per OSHA 29 CFR 1910.1200. Because substrate moisture and field execution are beyond manufacturer control, liability is limited to replacement of defective product.