

### CORCHEM® 259 SOLVENTLESS NOVOLAC [4:1]

**GENERAL** Proprietary advanced technology multifunctional phenol novolac resin reacted with modified, multiple ring cycloaliphatic amine adducts. The polymer structure is extremely chemical resistant with a high heat deflection temperature and reinforced with laminar flake pigments. Thick film heavy-duty phenol novolac lining designed to cure at ambient temperature conditions to provide exceptional structural strength and corrosion protection for surfaces at elevated temperatures in severe chemical and physical environments. It's formulated to be extremely adhesive, hard, tough, and abrasion resistant.

**USE** Storage vessels, containment walls and floors, railcars, tank trucks, heater treaters, free water knockouts, separators, frac tanks, clarifiers, filters, piping and processing equipment handling oil field products at elevated temperature and pressure including hot sour crude, brine waters, and drilling muds. Also resistant to petroleum products such as kerosene, diesel, gasoline, aviation fuels, motor oils, lubrication materials, greases, hydraulic fluids, alcohols, aliphatic and aromatic hydrocarbon solvents. It will provide a high degree of protection against corrosive moisture, fumes, carbon dioxide, hydrogen sulfide, methane gases, industrial water and wastewater solutions containing salts, detergents, many acids, alkalis, and other chemicals. Use as a heavy-duty chemical resistant protective lining.

**HAZMAT DATA** Hazard Class 9 – Environmentally Hazardous Substance (Component A), Hazard Class 8 – Corrosive (Component B). This material ships in any quantity via common carrier only. *Refer to individual Component's Safety Data Sheet for complete Hazmat and Safety information.*

**COLORS / FINISH** White & Gray / High Gloss

**VOLUME SOLIDS** 100%

**DRY FILM THICKNESS** Up to 25 mils per coat if thinner is added. Up to 60 mils coat if no thinner added. *See Technical Bulletin for further information.*

**COMPONENTS** Two. By volume 4 to 1 (Component A : Component B). *Component A is resin and Component B is amine.*

**POT LIFE** This material is formulated for Plural Component Spray Application. *See Technical Bulletin for further information.*

**VOC CONTENT** 0 g/l or 0.0 lbs./gal. Conforms: to Conforms to 40 CFR §59.402 VOC content limits.

**THINNER** Use of thinner is NOT recommended. CORCHEM® 4 Epoxy / Phenolic Thinner if thinner must be used. *See Technical Bulletin for further information.*

**APPLICATION METHODS** Plural component spray, roller, brush (small areas). Airless spray (hot pot) and/or conventional air spray (pressure pot) are NOT suitable for application of this material.

**TEMPERATURES** Apply at 35°F to 125°F (Air and Surfaces) and 5°F above the dew point.

**CURING TIME** Recoat 2-24 Hours @ 70°F. Final cure for immersion is 24 hours @ 70°F. *Refer to the Technical Bulletin for complete information.*

**PACKAGING** 1-gallon and 5-gallon pre-measured packaged kits.

**SHELF LIFE** 1 year from shipment date protected between 40°F and 100°F in its original sealed container.

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