CORCHEM®

PRODUCT BULLETIN

# CORCHEM® 261 EPOXY FLAKE COATING

**GENERAL** This solventless advanced technology diglycidyl ether of bisphenol-A resin is reacted with a unique cycloaliphatic aliphatic amine. The polymer structure is extremely tough and chemical resistant with high adhesive properties and is reinforced with laminar flake pigments. High build fast drying epoxy coating modeled after Military Specification MIL-C-4556 and Bureau of Ships Specification MIL-P-23236 Class I designed to cure at low temperature conditions to provide superior protection for surfaces in severe chemical and physical environments. It is formulated to have excellent chemical and abrasion resistance properties.

**USE** Storage vessels, containment areas, railcars, tank trucks, heater-treaters, free water knockouts, separators, frac tanks, clarifiers, filters, piping and processing equipment handling oil field products including sweet and sour crude oil, brine waters, and drilling muds as well as industrial waste and water solutions containing salts, detergents, many alkalies and other chemicals. Also petroleum products such as kerosene, diesel, gasoline, aviation fuels, motor oils, lubrication materials, greases, hydraulic fluids and aliphatic hydrocarbon solvents. Intended for use in both field and shop operations. The principal use is in water-chemical problem areas such as marine service, oil field production and refining, mining, pulp and paper plants, hydroelectric generating and wastewater treatment facilities. Suggested as a heavy-duty, all purpose, corrosion resistant protective coating. Self-priming to steel, concrete, and most surfaces and may be used in combination other CORCHEM® products.

**COLORS / FINISH** White / High Gloss

**VOLUME SOLIDS** 100%

**DRY COVERAGE** Theoretical (no loss): 1600 sq. ft. per gallon for one mil (.001). When computing coverage allow for application loss and surface irregularities.

**DRY FILM THICKNESS** Normal / standard dry film thickness of 18 - 22 mils applied per one [single] coat application; multiple applications are recommended to achieve the specified or desired film thickness.

**COMPONENTS** Two. By volume 4 to 1 (Component A : Component B).

**POT LIFE** <1 hour @ 70°F (mixed one-gallon kit). No induction time is required. Pot life is significantly shorter for higher temperatures or larger mixed quantities and longer for lower temperatures or smaller quantities.

**VOC CONTENT** 0 gms/l or 0.0 lbs/gal. Conforms to United States National Volatile Organic Compound Emission Standards.

**THINNER** CORCHEM® 4 Thinner. Thin only if required for proper application.

**APPLICATION METHODS** Air or airless spray, roller, brush (small areas).

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

**CURING TIME** Recoat 4 – 72 hours @ 70°F. Final Cure for service 5 days @ 70°F.

**PACKAGING** 1-gallon, 5-gallon, and 20-gallon pre-measured packaged kits.

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

PUBLISHED PRODUCT INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE. [*C261-2-PB-01302024*]
CONTACT YOUR CORCHEM® REPRESENTATIVE FOR CURRENT TECHNICAL DATA AND INSTRUCTIONS.

MADE IN TEXAS, USA

CORCHEM® CORPORATION • 1227 SOUTH MURPHY STREET, ODESSA, TEXAS 79766-8811 USA • TELEPHONE (432) 332-1335 • FAX (432) 332-0122
CUSTOMER SERVICE: VOICE 888-CORCHEM (267-2436) • FAX 888-FAXCHEM (329-2436) • E-MAIL: customer.service@corchem.com • www.corchem.com