

SEI CORROSION PREVENTATIVE TECHNOLOGY

CPT™



SEI Chemical's CPT technology provides a high performance, environmentally safe solution to rust and corrosion for a wide variety of applications. SEI's CPT Technology utilizes an active migrational chemistry that incorporates a molecule known as the CPT molecule. This chemistry is 100% environmentally friendly, non-toxic and biodegradable. CPT can be added to a wide variety of industrial, commercial and consumer applications such as paints, coatings, oils, solvents, foams, papers and all types of plastics, enhancing the product's corrosion preventative characteristics.

SEI Corrosion Proof Coat

This time-proven coating provides optimal long-term corrosion protection to all ferrous and non-ferrous metals exposed to harsh environments. With a single application, SEI's Corrosion Proof Coat deposits a CPT corrosion inhibiting layer that delivers five-year protection. The durable CPT film provides extreme corrosion protection even in the toughest environments. Including long-term resistance to salt water and salt spray, making this coating particularly useful in drilling, marine, industrial and offshore corrosion proofing applications. Corrosion Proof Coat dries in just thirty minutes, and will cover approximately 300 square feet per gallon.

CPT Powder Additive



CPT also is available in additive form. It was designed for wet or dry corrosion prevention applications of all ferrous and non-ferrous metals including aluminum. This migrational additive provides liquid, vapor and interface protection above and below liquid levels when used by itself. The CPT Additive can be added to paints, coatings, oils, solvents, foams, papers and all types of plastics. It can also be added into a concrete admixture or it can be used as a topical treatment that can be applied into the mix design or onto existing structures. Add CPT into the ready-mix plant, directly to the ready-mix truck drum, to portable mixers, directly into repair mortars or onto any existing structure. CPT migrates into a concrete structure, finds the metal within, and rapidly bonds to it creating extensive corrosion protection for decades. CPT protects reinforcing steel, carbon steel, galvanized steel and other metals embedded in concrete. It can also be used in repair mortars and grouts.

SEI Corrosion Proof Coat Advantages:

Dry-to-touch film properties. Protected metal surfaces can be easily handled.

No surface preparation. SEI Corrosion Proof Coat will adhere to pre-rusted, oily and dirty surfaces.

Excellent U.V. resistance. Provides optimal outdoor protection without cracking or chipping of protective films after prolonged exposures to sunlight.

Prevents galvanic corrosion.

Non-conductive film with high resistivity and insulating properties effectively prevents galvanic corrosion between dissimilar metals.

Moisture-displacing characteristics.

Penetrating film characteristics.

CPT Powder Additive Applications:

Maintenance: Protection of structural plant and equipment. Mothballing refineries, power plants, and chemical plants. External surfaces of large machines, pipes, pumps, heat exchangers, etc. - during standby, field storage, or operation

Shipping & Storage: Covered or uncovered packages shipped overseas and/or during extended on-site storage

Construction: Steels for fabrication, structural or storage and in field use. Concrete reinforcing bars, aluminum or steel sidings joints, profiles, bridges, structures, casings and steel roofs. Additive for concrete structures

Marine & Offshore: External and internal surfaces of offshore platforms and equipment. Ballast tanks, storage, and process vessels. Castings, pumps, valves and compressors, heat exchangers, boilers, turbines, and transformers. Wire rope, cable, wire and chains. Internal and external surfaces of drill pipes, sucker rods and other tubular products.

OEM: Internal and external surfaces of engines. Bearings, brake drums, engine components. Frames, cabs, stampings, castings and plate steel. Transmission, hydraulic pistons, cylinders and equipment undercoating

Products: Paints, coatings, oil, solvents, foams, paper, plastics

CPT Powder Additive Product Uses:

High performing environmental hydro or pressure test additive Tubular structures, pipes and vessels – dry or wet
Concrete structures, rebar and reinforcing metals

Internal surfaces of compressors, turbines, engines, tanks, boilers, heat exchangers
Steam condensate lines, dry fuel and oil lines, closed circuit heating and cooling towers and systems

Parts, components and completed assemblies during shipping and storage
Equipment, parts, components, etc. in packaging, shipping and storage
Additive to shot-blast, sand blast or water blasting media

Additive to all water systems or water-based coating systems

Voids, cavities and tanks

Drilling muds and water-bases

Additive for infinite existing chemical formulations



See SEI Corrosion Proof Coat and CPT Powder Additive Product Data for further information

SEI™

ADVANCED CHEMICAL
TECHNOLOGY™