



SEI CORROSION PROOF® POWDER

CPT-500

CORROSION PREVENTION TECHNOLOGY

PRODUCT DESCRIPTION

CPT-500 is a water-soluble powder utilizing Corrosion Preventative Technology for wet or dry corrosion protection of all ferrous and non-ferrous metals including aluminum. Either dilute or dry fog CPT-500 into any enclosed space. CPT is ionically attracted to all metal surfaces and will migrate and bond to metal creating extensive corrosion protection.

FEATURES

- Provides monomolecular inhibiting layer
- For large non-air tight dry applications - 1Lb (454g) to protect up to 1.0 cubic foot (0.03 cubic meters)
- For enclosed air tight dry applications - 0.06Lb (25g) to protect up to 1.0 cubic foot (0.03 cubic meters)
- For Aqueous Applications with average environmental conditions, use 5-10% CPT-500 by weight of water. The dosage can be increased for more severe conditions
- Provides 12-60 months of continuous protection depending on concentration
- Provides liquid, vapor and interface protection above and below liquid levels
- Creates a durable monomolecular inhibiting layer on metal surface
- Does not contain phosphates, nitrites or heavy metals
- Can be used as an additive or as an end user product
- 100% Biodegradable, non-toxic, does not contain any heavy metals and is environmentally friendly

BENEFITS

- Vapor-phase inhibiting action protects inaccessible and recessed surfaces
- Products can be shipped to customers without ever removing the powder
- No regeneration is required, as VCI will regenerate itself
- CPT-500 is extremely healthy for internal systems
- If the CPT-500 layer is disturbed by moisture or the opening of an enclosed space, the layer is replenished by continuous vapor redeposition
- No surface preparation is required
- Prevents corrosion on pre-coated and painted surfaces
- Does not increase alkalinity
- Provides economical protection for very large applications
- 100% biodegradable and environmentally friendly
- Very low toxicity (LD-50 = 5,000 mg oral-rat)
- Easy to apply
- CPT-500 layer does not need to be removed prior to processing
- If required, Powder is easily removed by air gun or water flush
- Provides protection for very large applications

EXAMPLE APPLICATION

CPT-500 can be added to hydrotest water. This solution is drained and the vessel sealed after completion of the test. CPT-500 is also typically blown into pipes or cavities with the openings closed or sealed afterwards.

APPLICATIONS

- Hydro test Additive
- Tubular structures, pipes and vessels – dry or wet
- Internal surfaces of compressors, turbines, engines, tanks, boilers, heat exchangers
- Steam condensate lines, closed circuit heating and cooling towers and systems
- Equipment during and after hydrotesting
- Parts, components and completed assemblies during shipping and storage
- Equipment, parts, components etc. in packaging, shipping and storage
- Additive to shot-blasting media
- Additive to standing water
- Additive to all water systems or water based coating systems
- Voids, cavities and tanks
- Additive for infinite existing chemical formulations

METHOD OF APPLICATION

Apply CPT-500 by dusting, fogging or sprinkling. Apply CPT-500 in aqueous form by spray, brush, flush or immersion. After application, simply cover or seal the interior cavity or void. Fogging is easily achieved by using a low-pressure air hose and sandblast cup. Large, conventional sandblasting systems can also be used.

For large non-air tight dry applications - 1Lb (454g) to protect up to 1.0 cubic foot (0.03 cubic meters). For enclosed airtight dry applications - 0.06Lb (25g) to protect up to 1.0 cubic foot (0.03 cubic meters). For Aqueous Applications with average environmental conditions, use 5-10% CPT-500 by weight of water. The dosage can be increased for more severe conditions.

PACKAGING & STORAGE

CPT-500 is available in 22-pound pails or 150-pound drums. Can be custom packaged. Store in a sealed container in a dry warehouse, and avoid direct exposure to sunlight with temperatures not exceeding 150°F (66°C). Under these conditions, shelf life is up to 24 months.

DISCLAIMER:

The information provided is to be used as a guide and users should perform their own tests to ensure performance in their application. All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee or warranty of accuracy.

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