



CORROSION INHIBITING VpCI® POWDERS

CorroLogic® Powder

Corrosion Inhibiting Powder for Soil Side Corrosion



PRODUCT DESCRIPTION

Corrologic® Powder is a Vapor phase Corrosion Inhibitor (VpCI®) powder designed for the protection of aboveground storage tanks bottom plates against the detrimental effects of soil-side corrosion. When introduced into the under-tank environment, VpCI® molecules sublime from the powder, diffuse through the sand pad to the tank floor creating a monomolecular protective layer even in hard-to-reach areas.

Corrologic® Powder is designed for corrosion mitigation for tanks with or without cathodic protection (CP). For CP-protected tanks, Corrologic® protects areas where current cannot reach such as air gaps, shielded zones and where sand is dry.

Corrologic® Powder is typically fogged through the tank floor when tank is out of service for testing and inspection.

FEATURES

- Migrates through different qualities of sand
- Creates monomolecular inhibiting layer with self replenishment properties
- Vapor phase inhibiting action protects inaccessible and recessed surfaces
- Provides effective protection against pitting corrosion
- Concentrated formula with enhanced flowability for ease of application
- If disturbed by moisture or fluid flow, the layer is replenished by

- continuous redeposition.
- Does not contain silicates, phosphates, nitrites or heavy metals
- No surface preparation is required
- Provides liquid, vapor and interface protection (above the liquid level)

DOSAGE AND APPLICATION METHOD

Apply powder by fogging with Corrologic® pneumatic equipment through the tank floor.

Recommended dosage and location of injection ports depends on multiple factors such as tank foundation design, environmental conditions and design life.

Consult with Cortec® Corrosion Engineering and Field Services for system recommendation.

TANKS PROTECTED

- Existing tanks out of service
- CP protected tanks
- Non-CP protected tanks

TYPICAL PROPERTIES

Appearance	White
pH	6-7 (1% aqueous)
Solubility in Water at 20°C	< 1%

PACKAGING AND STORAGE

Corrologic® Powder is available in 5 pounds (2.3kg), 50 pound (23Kg) and 100 pound (45Kg) lined drums. Store in a sealed container in a dry warehouse avoiding direct exposure to sunlight, with a temperature not exceeding 150°F (65°F). Shelf life is up to 24 months.



**FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT SAFETY DATA SHEET FOR MORE
INFORMATION**

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