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PRESS RELEASE



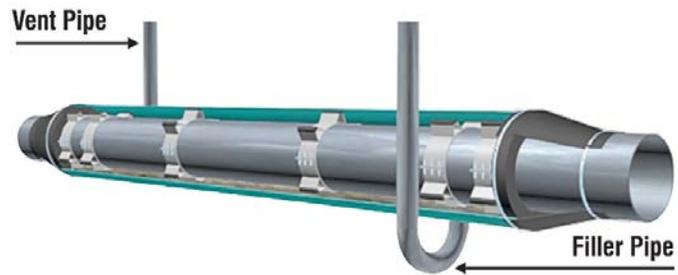
Cortec's Exceptional, Environmentally Friendly Pipeline Casing Filler Product is Now Patented!

Cortec® is pleased to announce the patent of CorroLogic® VpCI® Filler, an innovative product developed to fill and protect the inside of closed environments from corrosion for long periods of time!

At the request of a North American pipeline corrosion engineering group, Cortec® began developing this special product specifically for the protection of annular void spaces between pipelines and their casings. Over the course of the project, Cortec® was able to develop an excellent environmentally friendly solution for this challenging area of corrosion protection. The resulting product can also be applied to the inside of tubular tower structures and other closed environments for long-term protection. As Cortec® approaches the verge of receiving this significant patent, the product's importance is affirmed by a growing market realization of the innovative way CorroLogic® VpCI® Filler meets a distinctive need.



CorroLogic[®] VpCI[®] Filler is a two-part system that combines a liquid VpCI[®] concentrate with a powder gelling agent. After the liquid VpCI[®] concentrate is mixed with water, the gelling agent is added to the liquid stream as the VpCI[®] solution is discharged from the tank and pumped into the structure. The product then turns into a gel at a predetermined set time inside the void space being protected. Little or no surface preparation is required, and the product can be removed by washing it off the metal surface. Vapor-phase inhibiting action protects inaccessible and recessed surfaces, or migrates to provide corrosion protection under disbanded coatings.



Cortec[®] CorroLogic[®] VpCI[®] System for Carrier Pipe Corrosion Control

Important environmentally friendly factors:

- Non-toxic, nitrite-, and phosphate-free
- Made of biodegradable materials
- Non-flammable



CorroLogic[®] VpCI[®] Filler is especially good because of its many characteristics that adapt it to the particular needs of pipeline casings. The product contains a unique blend of Cortec[®] Vapor phase Corrosion Inhibitor Technology while providing resistance to bacterial corrosion. The filler also prevents the infiltration of air and water inside the filled structures. If air, water, and soil do ingress into the annular space, the multiphase corrosion protection will be able

to migrate through various substances to provide liquid, vapor-phase, and interface protection throughout the void.

Since it is electrically conductive, CorroLogic® VpCI® Filler can be effectively used in conjunction with cathodic protection. If cathodic protection fails, the CorroLogic® gel will still provide a source of VpCI® to all exposed internal surfaces. Corrosion protection can be gauged by the installation of corrosion rate monitoring systems to measure effectiveness.

Though it is tailored to meet the needs of pipeline casings in particular, this special gel set filler is adaptable to many applications:

- Filling interstitial spaces inside pipeline casings to mitigate the corrosion of the carrier pipe and the inside of the casing pipe
- Filling the inside of tower support structures to mitigate internal corrosion
- Filling other tubular structures, pipes, and vessels to mitigate internal corrosion

Cortec® looks forward to the upcoming release of the CorroLogic® VpCI® Filler patent and is honored to be officially recognized as the creator of this innovative, exceptional product!

CorroLogic® VpCI® Filler complies with NACE Standard SP0208-2008, from Classes of Rust Preventatives referenced in Mothballing Manual, and meets requirements of NACE SP0200-2014 Standard Practice: Steel Cased Pipeline Practices.

CorroLogic® VpCI® Filler
Patent Pending

PRODUCT DESCRIPTION
CorroLogic VpCI Filler is a custom designed 2-part product developed to fill the inside of closed environments such as pipeline casings and the inside of tubular tower structures, etc. in order to control corrosion for long time periods. The product contains a unique blend of Cortec Vapor phase Corrosion Inhibitor (VpCI) technology while also providing resistance to bacterial corrosion. The filler also prevents the infiltration of air and water inside the filled structures.

ADVANTAGES

- Vapor-phase inhibiting action protects inaccessible and recessed surfaces
- If the filled space is subjected to moisture or outside air infiltration, the molecular layer is replenished by continuous vapor redeposition
- Little or no surface preparation is required
- Prevents future corrosion of coated and painted surfaces
- Viscosity and set-up time is controllable
- Provides economical protection from corrosion and reduced shipping costs compared to other filler products
- Product can be removed by washing it off the metal surface

FEATURES

- Creates a monomolecular inhibiting layer on metal surface
- Provides long-term continuous protection from corrosion
- Provides liquid, vapor-phase, and interface protection

CORTEC CORPORATION
Preventative Rust Control Systems

To learn more about CorroLogic® VpCI® Filler, please visit:

http://www.cortecvci.com/Publications/PDS/CorroLogic_VpCI_Filler.pdf

For more information about Cortec’s innovative product line, please visit:

<http://www.cortecvci.com/index2.php>

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.