VpCI®-337 / GE / Winterized

PRODUCT DESCRIPTION

VpCI®-337 is a ready-to-use waterborne corrosion inhibitor used primarily for robust preservation of internal void spaces. Vapor phase Corrosion Inhibitors (VpCI®) in VpCI®-337 migrate to protect metal surfaces resulting in time and cost savings. When combined with labor-saving techniques, minimum amount of product can be used to protect large areas or volumes. VpCI-337 is effective on multiple metals.

VpCI®-337 is a combination of contact and vapor corrosion inhibitors, which allows a wide range of uses; from low-dose void-space protection to steel coil edge spray.

Pipes, tanks, and other equipment protected by VpCI®-337 are ready-for-use or commissioning, often without the need for removal*. VpCI®-337 is completely water-soluble allowing ease of use for pigging, purging, or other existing processes. No degreasing or stripping is necessary. The metal will retain a clean and rust-free surface. In most cases, the thin protective film will not affect paint processes, conductivity, appearance, or any other important property of metals or alloys.

VpCI®-337 Winterized has a lower freezing point for the convenience of application and storage in cold temperatures.

VpCI®-337 GE is specially formulated to be used in systems that are sensitive to sodium and sulfur.

*Please review your application with Cortec® Technical Service prior to commissioning.

FEATURES

• Biodegradable (87% biodegradation in 28 days)*
• Contains vapor and contact corrosion inhibitors which provide multi-metal corrosion protection
• Leaves a thin, self-healing film
• Ready-to-use
• Protection is immediate, convenient to apply, and easy to remove if required

*Biodegradability applies to VpCI®-337 only

TYPICAL APPLICATION

• Pipe, spool, modules
• Void space protection
• Edge spray for coils
• Double wall spaces
• Complex internal cavities
• Deep storage of key assets

METALS PROTECTED

• Hot/cold-rolled steel
• Silicon steel
• Stainless steel
• Cast iron
• Zinc
• Aluminum
• Copper
• Brass
TYPICAL PROPERTIES

VpCI®-337/VpCI®-337 GE

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear to hazy amber liquid</td>
</tr>
<tr>
<td>Carrier</td>
<td>Water</td>
</tr>
<tr>
<td>Film Type</td>
<td>Thin, soft film</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;200 °F (93 °C)</td>
</tr>
<tr>
<td>Freeze Point</td>
<td>32 °F (0 °C)</td>
</tr>
<tr>
<td>pH</td>
<td>7.2-9.0 (neat)</td>
</tr>
<tr>
<td>Weight per Gallon</td>
<td>8.7-8.9 lb/gal (1.04-1.06 kg/l)</td>
</tr>
</tbody>
</table>

VpCI®-337 Winterized

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear amber liquid</td>
</tr>
<tr>
<td>Carrier</td>
<td>Water + Propylene Glycol</td>
</tr>
<tr>
<td>Freeze Point</td>
<td>-47.2 °F (-44 °C)</td>
</tr>
<tr>
<td>pH</td>
<td>7.0-8.6 (neat)</td>
</tr>
<tr>
<td>Weight per Gallon</td>
<td>8.8-9.2 lb/gal (1.05-1.10 kg/l)</td>
</tr>
</tbody>
</table>

Note: Product may become hazy after a few days.

APPLICATION

Mix thoroughly prior to application.

Fog or mist into containers, boxes, crates, and shrouded packages at a rate of 0.5-1.0 oz./ft³ (0.5-1.0 L/m³) of enclosed space. Always spray VpCI®-337 uniformly within enclosure and allow direct access of vapors to metal surfaces to be protected.

Please contact Cortec® Technical Service for specific dosing and equipment recommendations, and for application guidance.

PACKAGING AND STORAGE

VpCI®-337 and VpCI®-337 GE are packaged in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes, and bulk.

Minimum storage temperature: 40 °F (4 °C)
Maximum storage temperature: 120 °F (49 °C)

VpCI®-337 Winterized is packaged in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes, and bulk.

Minimum storage temperature: -40 °F (-40 °C)
Maximum storage temperature: 120 °F (49 °C)

Shelf life: 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

LIMITED WARRANTY

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