



# VpCI®-338/VpCI®-338 SC

## PRODUCT DESCRIPTION

VpCI-338 is a ready-to-use waterborne corrosion inhibitor for indoor use based on field-proven vapor phase technology. Vapor phase inhibitors in VpCI-338 migrate and protect metal surfaces, resulting in time and cost savings. The major uses of VpCI-338 are edge treating of coils and stacks or fogging of packages and containers. These labor saving techniques use a minimum of product to protect large areas or volumes. VpCI-338 is particularly effective on ferrous metals, aluminum, and tin-plated steels. It has been consistently successful in providing protection in wet stack and humidity testing.

Products protected by VpCI-338 are ready-to-use. No degreasing or stripping is necessary by the end user. The metal will retain a clean, rust-free surface.

VpCI-338 can also be used as a cleaner and degreaser. Based on the ingredients VpCI-338 is accepted for use on steel or tinplate in food packaging by the Food and Drug Administration (CFR 21, §178.3300). VpCI-338's ingredients are further accepted by the United States Department of Agriculture for use on packaging material in indirect contact with meat and poultry food products.

## FEATURES

Contains vapor phase inhibitors which provide multimetal corrosion protection.

- Leaves a thin, self-healing film that is environmentally friendly
- Can be used as a cleaner/degreaser for food processing equipment and processing plants
- Protection is immediate, convenient to apply and easy to remove if required
- Does not affect the welding process

- VpCI-338 contains FDA approved ingredients for use on tinplate, steel, and other metal products used in food processing and packaging.
- Available in concentrated form (VpCI-338 SC)

## TYPICAL APPLICATIONS

Coils, stacks, and sheets are protected with easy to apply, effective, and long-lasting VpCI-338. Spray a fine mist of VpCI-338 uniformly on laps and edges. The unique vapor action will penetrate the interior surfaces that are subject to attack by moisture. All grades of cold and hot-rolled steel, aluminum, tinplate, and precoated steels can be treated. VpCI-338 can also be applied in-process between pickling and cold rolling, and after temper rolling, quenching, drawing, stamping, slitting, wet stacking, hydrotesting, and other processes. VpCI-338 is also useful for fogging interiors of containers, rail cars, truck trailers, rooms, and ships' hulls, etc. To achieve temporary protection of stored metal.

## TYPICAL PROPERTIES

	VpCI-338	VpCI-338 SC
<b>Appearance</b>	Milky white liquid	Clear, slightly Yellow liquid
<b>Carrier</b>	water	-
<b>Coverage</b>	355-710ft gal (8-18 m <sup>2</sup> /1)	-
<b>Film Type</b>	Thin, soft film	-
<b>Film Thickness</b>	0.25-0.5 mil (6.3-12.5 microns)	-
<b>Flash Point</b>	250°F (121°C)	219°F (103°C)
<b>Freeze Point</b>	32°F (0°C)	27° F (-10°C)
<b>Non-volatile content</b>	9-13%	55-60%
<b>pH</b>	10-11 (neat)	10-10.5 (1% aqueous)
<b>Density</b>	8.2-8.4 lb/gal (0.98-1.01 kg/1)	7.6-7.8 lb /gal (0.91-0.93 kg/1)
<b>Removal method</b>	Water of Alkaline cleaners (Cortec VpCI 410 series)	



## PACKAGING AND STORAGE

VpCI-338 is packaged in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes, and bulk. Shelf life is 24 months.

Minimum storage temperature: 32°F (0°C)

Maximum storage temperature: 120°F (49°C)

**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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