



VpCI®-337/337 Winterized



PRODUCT DESCRIPTION

VpCI-337 is a ready-to-use waterborne corrosion inhibitor for indoor use. Vapor phase corrosion inhibitors in VpCI-337 migrate and protect metal surfaces, resulting in time and cost savings. VpCI-337 is used to protect edges of coils and stacks or to fog void spaces, tanks, containers, packages, and enclosures. These labor-saving techniques minimize the use of product to protect large areas or volumes. VpCI-337 is effective on ferrous and non-ferrous metals as well as aluminum, plated steels, and copper. VpCI-337 is consistently successful in providing protection to the basic metals, metalworking, and packaging industries.

In most cases, products protected by VpCI-337 are ready-to-use. No degreasing or stripping is necessary; the metal will retain a clean, rust-free surface. In most cases, the thin protective film will not affect paintability, conductivity, appearance, or any other important property of metals or alloys.

VpCI-337 is also available in a cold weather version. VpCI-337 Winterized has a lower freezing point for the convenience of application and storage in cold temperatures.

FEATURES

- Biodegradable (87% biodegradation in 28 days)
- Contains vapor phase inhibitors which provide multimetal corrosion protection
- Leaves a thin, self-healing film
- Ready-to-use
- Protection is immediate, convenient to apply, and easy to remove if required
- Gives up to 24 months indoor protection

Contact Cortec Corporation for specific applications.

TYPICAL APPLICATIONS

- In-process protection
- Edge spray of coils and sheet stock
- Void spaces
- Double wall void spaces
- Fogging

TYPICAL PROPERTIES

VpCI-337

Appearance	Clear to hazy amber liquid
Carrier	Water
Coverage	935-1870 ft ² /gal (23-46 m ² /l)
Film Type	Thin, soft film
Film Thickness	0.25-0.5 mil (6.3-12.5 microns)
Flash Point	>200°F (93°C)
Freeze Point	32°F (0°C)
Non-volatile Content	32-38%
pH	8.4-9.0 (neat)
Weight per Gallon	8.7-8.9 lb/gal (1.04-1.06 kg/l)

VpCI-337 Winterized

Appearance	Clear amber liquid
Carrier	Water + Ethylene Glycol
Freeze Point	-26°F (-32°C)
Non-volatile Content	22-28%
pH	8.0-8.6 (neat)
Weight per Gallon	8.8-9.2 lb/gal (1.05-1.10 kg/l)

Note: Product may become hazy after a few days.



METALS PROTECTED

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

APPLICATION

Material Handling:

Fog or mist into containers, boxes, crates, and shrouded packages at a rate of 1 oz./ft³ (1 L/m³) of enclosed space. Always spray VpCI-337 uniformly within enclosure and allow direct access of vapors to metal surfaces to be protected.

Dry Time:

VpCI-337 <45 minutes
VpCI-337 Winterized 3 hours

Product Cleanup:

Use soap and water to clean equipment.

PACKAGING AND STORAGE

VpCI-337 is packaged in 13 oz net wt. (384 ml) recyclable aluminum cans (12/carton), 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes, and bulk.

Minimum storage temperature: 12°F (-12°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: -26°F (-32°C)

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

Shelf life is 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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