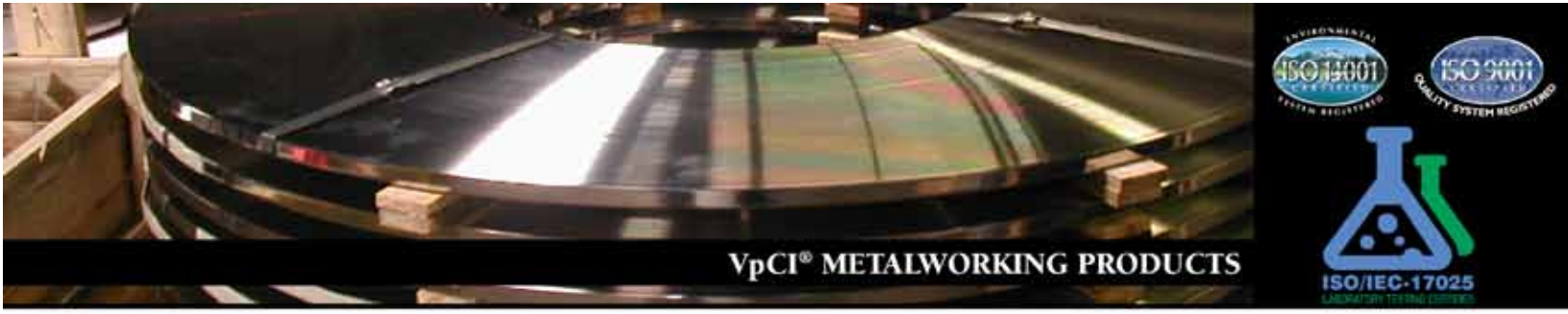

VpCI®-338/VpCI®-338 SC

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

CORTEC CORPORATION
Environmentally Safe VpCI®/MCI® Technologies

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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Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

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