



VpCI™ METALWORKING PRODUCTS

VpCI®-337 F



PRODUCT DESCRIPTION

VpCI-337 F is a ready-to-use, FDA/USDA approved, solvent-based corrosion inhibitor for indoor use. Vapor phase inhibitors in VpCI-337 F migrate and protect metal surfaces, resulting in time and cost savings. VpCI-337 F is used to protect edges of coils and stacks. With VpCI-337 F, very little product is needed to protect large areas or volumes. It is effective on ferrous metals as well as aluminum and plated steels. VpCI-337 F is consistently successful in providing protection to the basic metals, metalworking, and packaging industries.

Products protected by VpCI-337 F are always ready-to-use; no degreasing or stripping is necessary. The metal will retain a clean, rust-free surface. The thin, protective film has been proven not to affect paintability, conductivity, appearance, or any other important property of metals or alloys.

VpCI-337 F is approved for use on steel or tinfoil in food packaging by the Food and Drug Administration. VpCI-337 F's ingredients are further approved by the United States Department of Agriculture for use on packaging material with direct contact with meat and poultry food products.

TYPICAL APPLICATIONS

- In-process protection
- Edge spray of coils and sheet stock
- Void spaces

- Double wall void spaces
- Tin can storage (337°F / 169°C)

FEATURES

- Contains vapor phase inhibitors which provide multi-metal corrosion protection
- Leaves a thin, self-healing film that is environmentally approved for use
- Ready-to-use
- Protection is immediate, convenient to apply, and easy to remove if required
- Gives up to 12 months indoor protection
- Contains FDA and USDA approved ingredients for use on tinfoil, aluminum, and other metal products used in food processing or packaging

METALS PROTECTED

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

PHYSICAL PROPERTIES

Appearance	Clear to hazy, amber to brown, liquid
Carrier	Ethanol
Coverage	420-840 ft ² /gal (10-21 m ² /l)
Film type	Thin, soft film
Film Thickness	0.25-0.5 mil (6.25-12.5 microns)
Flash Point	80°F (27°C)
Non-volatile Content	12-17%
pH	7.5-8.5 (Neat)
Density	7.6-7.8 lb/gal. (0.91-0.93 kg/l)



APPLICATION

Coils, stack, and sheets are readily protected with easy-to-apply, effective, and long-lasting VpCI-337 F. Spray a fine mist of VpCI-337 F uniformly on laps and edges. The unique vapor action will protect the interior surfaces that are subject to attack by moisture. VpCI-337 F does not interfere with sensitive painting, lithographing, or welding processes. All grades of cold and hot-rolled steel, aluminum, black and tinplate, silicone, electrical, aluminized, and precoated steels can be treated with VpCI-337 F. VpCI-337 F can also be applied in-process for corrosion protection between pickling and annealing, after temper rolling, and after quenching, drawing, stamping, slitting, hydrotesting, and other processes.

Fog or mist VpCI-337 F concentrate into containers, boxes, crates, and shrouded packages at a rate of 1 pint (0.4 liter) for every 50 ft³ (1.4 m³) of enclosed space. Spray on cardboard, wood pallets, closed and open cell foams, metal container and other packaging materials. Always spray VpCI-337 F uniformly within enclosure and allow direct access of vapors to metal surfaces to be protected.

PACKAGING AND STORAGE

VpCI-337 F is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, liquid 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

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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