



VpCI™ METALWORKING PRODUCTS

VpCI™ -337



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 use a minimum of product to protect large areas or volumes. VpCI-337 is effective on ferrous metals as well as aluminum and plated steels. VpCI-337 is consistently successful in providing protection to the basic metals, metalworking and packaging industries.

Products protected by VpCI-337 are always ready-to-use. No degreasing or stripping is necessary by one end user. 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.

FEATURES

- Contains vapor phase inhibitors which provide multimetal 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.

TYPICAL APPLICATIONS

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

TYPICAL PROPERTIES

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	250°F (121°C)
Freeze Point	32°F (0°C)
Non-volatile Content	27-31%
pH	8.2-8.8
Weight per Gallon	8.7-8.8 lb/gal (1.04-1.05 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



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Environmentally Safe VpCI™/MCI® Technologies

APPLICATION

Material Handling:

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

Product Preparation:

Mix thoroughly if separation or settling has occurred.

Methods for Monitoring Solution:

Refractometer, pH

Dry Time:

<45 minutes

Product Cleanup:

Use soap and water to clean equipment.

PACKAGING AND STORAGE

VpCI-337 is packaged in 5 gallon (19 liter) plastic pails, 5 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 MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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