



HIGH PERFORMANCE VpCI® COATINGS

VpCI®-372

PRODUCT DESCRIPTION

VpCI-372 is a water-base corrosion inhibiting strippable coating. It provides protection in two ways: atmospheric corrosion and as a physical barrier to protect against nicks, abrasion, scratches, etc. VpCI-372 is used as a dry film, temporary coating for parts and equipment. The coating is stripped or peeled away prior to equipment use, and will not leave a residue.

SUGGESTED USES

- Protection of clean metal surfaces for storage/shipping
- Protection of painted surfaces from physical abuse during storage/shipping
- Protection of clean surfaces during other finishing operations as a masking function
- Paint booths
- Tooling
- Keypads

FEATURES

- Water-based, VOC compliant
- Prevents corrosion/oxidation of metals
- Multimetal protection
- Does not cause contamination of surface upon removal
- Does not require special equipment for removal
- Can be disposed of as solid waste
- Fast drying
- Requires no solvents or paint/ink removers to remove coating
- High solids
- Available in various colors

LIMITATIONS

- VpCI-372 can be applied to some plastics; however, each plastic needs to be checked for film removal with time.
- Dry thoroughly before peeling film. Minimum film build is 2 mils DFT (50 microns) for indoor applications and 8 mils DFT (200 microns) for outdoor applications.
- Do not expose cured film to extreme cold temperatures (lower than 10°F / -12°C).

TYPICAL APPLICATION

VpCI-372 is supplied as a water-based, milky white liquid. It is applied by spray, brush, roll, or dip. It provides a clear film which allows for inspection of the surface. If desired, it may be tinted for easy identification of protected surfaces. The film can be peeled from the surface when it is thoroughly dried leaving a clean, ready-to-use substrate.

Graco sprayer recommendations:

Model	Delta A/S
Fluid Tip	0.055 in (0.140 cm)
Air Cap	Standard
Fluid Pressure	28 psi (193 kPa) (supply)
Fluid Pressure	25 psi (172 kPa) (gun)
Fluid Hose	1/4" diameter, 25' length (0.6 cm, 8 m)
Pump	Special Graco EAS AEO531 Pail mount 307 Husky with SST fittings, nylon strainer, 100 mesh filter

TYPICAL PROPERTIES

Appearance	Various colors viscous liquid
Coverage at 4-mils (100 microns)	140-160 ft ² /gal (13-15 m ² /l)
pH	9.0-10.0 (Neat)
DFT (indoor)	2-6 mils (50-150 microns)
DFT (outdoor)	8-10 mils (200-250 microns)
WFT (indoor)	5-14 mils (125-350 microns)
WFT (outdoor)	20-25 mils (500-625 microns)
Non-volatile Content	36-42%
Viscosity	4000-20,000 cps (ASTM D-2196)
Density	8.7-9.0 lb/gal (1.05-1.08 kg/l)

THINNING REQUIREMENTS

Recommended Thinner	Fresh water only if necessary
Airless Spray	None required
Conventional Spray	(0-5%)
Roller and Brush	None required
Clean-up Thinner	Fresh water

PACKAGING AND STORAGE

VpCI-372 is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, totes, and bulk. VpCI-372 should be stored in a heated warehouse to avoid freezing. The product has shelf life of up to 12 months.

VpCI-372-T, a heavier viscosity product is available in 5 gallon pails.

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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