



VpCI™ METALWORKING PRODUCTS

VpCI-329 F



PRODUCT DESCRIPTION

VpCI-329 F is a USDA (US Department of Agriculture) approved oil-based concentrate for use as an additive to lubricating and hydraulic oils or as a ready-to-use corrosion preventive fluid. VpCI-329 F protects in two unique ways. First, oil-soluble corrosion inhibitors offer a tenacious film which clings to metal surfaces, providing excellent contact corrosion protection. In addition to this film barrier, Cortec VpCIs release vapor phase corrosion inhibitors into the air that attach electrochemically to the metal surface.

FEATURES

- Performs effectively even under the adverse conditions of 100% relative humidity and in the presence of such corrosive species as chlorides
- High flash and fire points
- Contains no hazardous chromates, nitrites or phosphate inhibitors
- VpCI-329 F is easily diluted with lubricating, hydraulic and preservative oils approved for food plants
- Provides universal protection to ferrous and nonferrous metals
- Non-toxic and thermally stable, providing long-lasting contact and vapor phase corrosion protection
- VpCI-329 F is a special version of VpCI-329, which has been approved by the USDA "for use on packaging materials in direct contact with meat or poultry"

METHOD OF APPLICATION

Dilute VpCI-329 F with lubricating, hydraulic or preservative oil. Can also be sprayed, dipped or brushed onto surfaces.

Short-term protection (up to 6 months):
1 part VpCI-329 F to 20 parts oil.

Medium-term protection (up to 12 months):
1 part VpCI-329 F to 10 part oil.

Long-term protection (up to 24 months):
1 part VpCI-329 F to 5 parts oil.

TYPICAL PROPERTIES

Appearance	Clear to slightly hazy pale yellow liquid
Odor	Sweet
Carrier	White mineral oil
Coverage	960-1450 ft ² /gal (24-36 m ² /l)
Drying Time	Remains tacky
Film Thickness (dry film)	1-1.5 mils (25-37.5 microns)
Film type	Oily
Flash Point	295°F (146°C)
Non-volatile Content	90-95%
Removal Method	Petroleum solvents/alkaline cleaners (VpCI-419)
Density	7.1-7.3 lb/gal.(0.85-0.87 kg/l)

PACKAGING AND STORAGE

VpCI-329 F is available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, liquid totes and bulk. VpCI-329 F should be stored sealed. Agitate before each use. The shelf life is 24 months in sealed drums.



CORTEC
CORPORATION

Environmentally Safe VpCI™/MCI® Technologies

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KEEP OUT OF REACH OF CHILDREN
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR
MORE INFORMATION

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4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
Internet <http://www.cortecvci.com>

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