



VCI METALWORKING PRODUCTS

VCI-327

PRODUCT DESCRIPTION

VCI-327 is a ready-to-use solvent-based corrosion inhibitor that protects in two unique ways. First, VCI-327 forms a tenacious film which clings to metal surfaces, providing excellent contact corrosion protection. In addition to this barrier film, VCI-327 releases vapor phase corrosion inhibitors which condense and form a protective barrier over metal surfaces. The combined film and vapor phase action provides complete corrosion protection for internal metal parts. These parts would otherwise become corroded during operation and shutdown. VCI-327 is very economical because of its high surface coverage.

FEATURES

- Performs effectively even under the adverse conditions of 100% relative humidity and in the presence of such corrosive species as chlorides
- Water displacing properties
- Contains no hazardous chromates, nitrites, phosphate inhibitors, sulfonates or calcium compounds
- High penetrability
- Utilizes the finest petroleum distillates as carriers
- Will pass filter mesh size down to 1 micron

TYPICAL APPLICATIONS

VCI-327 can be used to protect ferrous metals, aluminum, copper and alloys. The tenacious film (less than 2 microns thick) will provide indoor corrosion protection for up to 24 months.

VCI-327 can be applied by dipping, spraying or brushing at many stages of metal fabrication, storage or shipping.

VCI-327 conforms to MIL-C-15074 (fingerprint remover).

METALS PROTECTED

- Carbon steel
- Stainless steel
- Aluminum
- Copper and alloys

TYPICAL PROPERTIES

Appearance	Clear yellow liquid
Flash Point	160°F (71°C)
Non-volatile Content	36-47%
pH	8.5-9.5 (1% aqueous)
Density	6.8-7.0 lb/gal (0.81-0.84 kg/l)

PACKAGING AND STORAGE

VCI-327 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk. Shelf life is 24 months in sealed drums.

Minimum storage temperature: 0°F (-18°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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