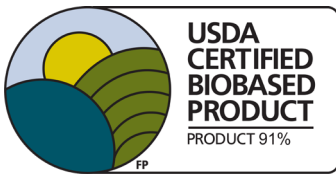




SURFACE PREPARATION PRODUCTS

VpCI®-423



PRODUCT DESCRIPTION

VpCI®-423 is a water-based gel that effectively removes rust and oxides from steel, iron, brass, and copper. When used as recommended, VpCI®-423 will not adversely affect most paints, plastics, wood, textiles, ceramics, or rubber. VpCI®-423 is formulated to cling on vertical and overhead surfaces for rust and oxide removal in difficult-to-reach spaces.

VpCI®-423 contains flash corrosion inhibitors to prevent flash corrosion during the rust and oxide removal process. After rust removal, rinse the area thoroughly with water, then use Cortec® VpCI®-414 or similar alkaline cleaners to ensure a clean, corrosion free metal surface.

VpCI®-423 is NSF (A3) registered, acceptable for use for indirect food contact. It contains 91% USDA certified biobased content and qualifies for Mandatory Federal Purchasing in the USDA BioPreferred®

FEATURES

- Prevents flash rusting
- No adverse effects on most paints, plastics, wood, textiles, ceramics, and rubbers
- Formulated for rust and oxide removal on vertical and overhead surfaces
- Completely organic and readily biodegradable
- NSF (A3) registered. Acceptable for use as an acid cleaner in and around food processing areas for indirect food contact.
- Contains 91% USDA certified biobased content
- NSN 6850-01-482-4536

TYPICAL APPLICATIONS

- In-process rust removal for parts and metal stock
- Rust removal in hard-to-reach, vertical, and overhead locations
- Automotive, marine, and manufacturing equipment

APPLICATION

VpCI®-423 can be applied using conventional or airless spray equipment or by brush. Remove loose or flaking rust and then apply VpCI®-423 to the surface. Let the product stand for 10-15 minutes and rinse with Cortec® VpCI®-414 or a similar alkaline cleaner. Retreat rust as necessary (heavy rust may take more than one treatment).

PHYSICAL PROPERTIES

| | |
|------------|----------------------------------|
| Appearance | Dark Brown Gel |
| pH (Neat) | 2.3 |
| Density | 9.6-10.0 lb/gal (1.16-1.19 kg/L) |

Toxicological Testing Results

| Species | NOEC/LOEC ppm | 48-hrs LC50* ppm |
|--------------|---------------|------------------|
| M. beryllina | 100/1000 | 316 |
| M. bahla | 100/1000 | 316 |

* LC50/EC50-50% of Lethal concentration/50% of Effective Concentration respectively

PACKAGING AND STORAGE

VpCI®-423 is available in 5 gallon (19 L) pails, 55 gallon (208 L) drums, liquid totes, and bulk.

To ensure best product performance, store in original packaging, indoors, and out of direct sunlight at 40-100 °F (4-38 °C).

Shelf Life: 2 years.

FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT SAFETY DATA SHEET FOR MORE INFORMATION

LIMITED WARRANTY

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Cortec® Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

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