

# VpCI<sup>®</sup>-425

## PRODUCT DESCRIPTION

VpCI-425 is a powder that is used with water at 5-12% by weight to remove light oxides and staining from copper, steel, and aluminum. It can be used to clean chemical manufacturing equipment such as blenders and reactors, cooling towers, heat exchangers, water pipes, etc. In solution, VpCI-425 has a pH close to neutral. That makes the product quite safe to handle, use, and dispose of for most jobs. VpCI-425 is best suited for jobs requiring chemical cleaning without the associated hazards from strong acids, inaccessible and hard to reach areas, and where there is significant complex surface area.

## FEATURES

- Removes rust and scale
- Provides good base for protective coatings
- Waste treatment not usually required
- Neutral pH for longer equipment life and much safer handling, use, and storage
- Powder form minimizes shipping costs
- 100% active material, no fillers
- Mixes readily with water

## APPLICATION

Add VpCI-425 to water until desired concentration is reached. Maximum solubility in water is 12-14% by weight. Solution works best when parts are immersed in solution (i.e. dip or flood) and if solution can be heated (140°-200°F / 60°-90°C). Allow parts to remain in contact with solution until desired outcome is reached. The time in solution per part is independent part and is affected by the severity of corrosion, temperature of solution, substrate, and other factors. Cleaning times can be from minutes to hours.

## PHYSICAL PROPERTIES

Appearance	Off-white to tan powder
Odor	Mild
pH	7-8 (10% aqueous)

## PACKAGING AND STORAGE

VpCI-425 is available in 5 pound (2.3 kg), 50 pound (23 kg), 100 pound (45 kg) fiber drums, and bulk. When not in use, VpCI-425 should be stored in a dry warehouse with no direct exposure to sunlight at temperatures not exceeding 122°F (50°C). VpCI-425 may be stored under these conditions for approximately 36 months.

**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**

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