



PRODUCT BULLETIN

RPA-445

BE #7316

PRIMARY APPLICATION

RPA-445 is an amine-based liquid rust inhibitor used in conjunction with detergent LDA-445 to ensure sufficient protection against corrosion.

FEATURES & BENEFITS

- Powerful amine protection
- Multi-metal safe
- Safer for employees and the environment



AVAILABILITY

RPA-445 is available in 5-gallon and 55-gallon containers.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, pale yellow liquid

Odor: Low odor

Specific Gravity (H₂O=1): 1.01

Weight/gallon:

Flash Point: None

Boiling Point: 212°F

Evaporation Rate: Slower

pH (as is): 7-9

% VOC: 0

% HAP: 0

Vapor Pressure (mmHg): ND

Vapor Density (air=1): ND

Water Solubility: Complete

Melting Point: ND

RECOMMENDED USAGE

Application Procedure: Spray or Immersion

Temperature: 130 - 160°F

Concentration: 2-4 ounces per gallon of water

Concentration and temperature may be adjusted depending on metal, humidity and length of desired protection.

COMPATIBILITY

RPA-445 is multi-metal safe for use on metals including aluminum, brass, bronze, copper, iron, steel and composites in addition to most precious metals, plastics and rubbers.

Do not mix with nitrite-containing substances.

NOTES FOR USE

- Stainless steel, mild steel and polypropylene equipment can be used.
- Follow with a thorough rinse to remove all cleaner residue.
- Prevent spotting on polished surfaces by final rinsing with deionized (DI) or reverse osmosis (RO) water.
- Dry parts with hot or circulating air.

STORAGE AND HANDLING

The Material Safety Data Sheet should be read and understood by all personnel in contact with the product. It is a non-flammable, non-corrosive liquid. Packaged in polyethylene containers with a suggested shelf life of one year. Store out of direct sunlight at 40-100°F. Keep container closed when not in use.