

ORISON

RUST BLOCK

Water Based Rust Inhibitor

DESCRIPTION

Rust Block is a liquid compound that inhibits rust on all ferrous metals. It is designed for use on parts that are stored indoors. Protection is provided immediately upon exposure to Rust Block with no stress change in the metal. Rust Block dries fast with a clean, non-tacky feel and will not damage any polymers, plastics, coatings, and most paints. Rust Block prevents rust up to 12 months, depending on dilution and has an indefinite shelf life prior to use. Rust Block is not based on amine or nitrates, but rather the most recent advancements in rust protection chemistry which combines sebacic acids and salts.



PERFORMANCE

- Rapidly coats and inhibits corrosion on all ferrous metals
- Dries fast with a clean, non-tacky feel
- Non-corrosive
- Non-flammable
- Biodegradable
- No HAP's
- No DOT restrictions
- Easy and safe to use
- Safe on soft metals, plastic, rubber, PVC and other surfaces unharmed by water alone

TYPICAL PROPERTIES

Appearance	Clear, light golden
Odor	Slight
Foam	Slight
pH	9 - 9.5
Environmental Data	Biodegradable

Internal tests using the ASTM D 1748-83 method (~130 degrees Fahrenheit and ~100% Relative Humidity) indicate Rust Block will inhibit rust from forming for up to 12 months. However, many factors will impact the length of protection time for any rust inhibitor. If the item treated is smooth machined steel, then the protection can last longer than 12 months. Conversely, if the item has an irregular shape with high energy points, then the protection will be closer to the 6 month period. Other factors such as temperature and humidity will also affect the lifespan of any rust inhibitor. Rust is less likely to form below an ambient temperature of 65 degrees Fahrenheit. If the storage facility is near the ocean, a salt fog or high humidity can impact the life of the protective coating.

DIRECTIONS

Clean parts to allow Rust Block to fully contact the metal surface being treated. Immerse, spray, wipe or brush parts in Rust Block then allow parts to dry. The protection will be provided immediately upon exposure to Rust Block.

Straight for 6 to 12 months

Dilution 1:1 with water for 6 months protection

Dilution 1:4 with water for 6 weeks protection

Dilution 1:7 with water for 3 days protection

Rust Block should be rinsed away prior to treating the metal with any other coating. Rust Block can leave a thicker coating in areas where there are angles or corners. This buildup of Rust Block could affect the adhesion of any paint or other coating that is applied on top of it. Rust Block is extremely water soluble, and does not need much rinsing to remove it from an object. In general, a 5 second rinse with tap water above 60 degrees Fahrenheit (16 degrees Celsius) is all that is required.

Rust Block will typically be depleted during the application process, so disposal is minimized if not eliminated. Check local requirements for any restrictions before disposing through the local sewer system.

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