

# Rust Veto® 4221-NB

## DESCRIPTION

**Rust Veto 4221-NB** is a water-emulsifiable rust preventive. The product is readily emulsifiable in either hard or soft water. No special mixing procedures are required. Rust Veto 4221-NB contains no barium.

An emulsion of **Rust Veto 4221-NB** will deposit a thin, protective film on treated surfaces. The thin film will typically provide corrosion protection, on plain carbon or low alloy steel, for up to six months indoors. Film removal is accomplished with hot water and detergent.

For cold weather conditions, it may be necessary to use warm or hot water to achieve proper mixing.

**Rust Veto 4221-NB**, emulsified in water, provides excellent in-plant rust protection. In-process inventory can be protected for up to six months, even in the most humid plant conditions. Flammable solvent-type rust preventives and their hazards are eliminated when emulsified Rust Veto 4221-NB is used.

Parts can be dipped into an emulsion of **Rust Veto 4221-NB**, or because of the product's low foaming tendency, parts can be successfully treated in the final stage of power spray washers.

As a final preservative of blackened or phosphated parts, **Rust Veto 4221-NB** has received wide acceptance. The thin film deposited by Rust Veto 4221-NB results in finished parts without an "oily" feel.

For most dipping applications, a dilution of 9 parts of water to 1 part of **Rust Veto 4221-NB** is recommended. For power spray washer application, the maximum concentration should be 1 part to 20 parts water.

## DATA (TYPICAL VALUES)

Appearance, Neat	Clear, amber oil
Specific Gravity @ 60°F (15.5°C)	.932
Viscosity @ 100°F, SUS	290 - 330
Viscosity @ 37.7°C, cSt	62.5 - 71.1
Flash Point, COC, °F	350°F
Pour Point, °F	-9°F (-23°C)
Humidity Protection @ 10% (1010 steel)	25 days minimum

HL 13.11 US

## FEATURES / BENEFITS

- **Protects Indoors for Nine Months:** The thin, protective film will typically provide corrosion protection on treated surfaces such as plain carbon or low alloy steel for nine months indoors.
- **Barium free formulation** reduces waste treatment concerns.
- **Excellent Humidity Protection:** Dependable rust preventive for indoor use.
- **Emulsifies in Water:** Mixes easily with water at a temperature of 65°F in hard or soft water.
- **No Fire Hazard:** Flammable solvent-type rust preventives and their hazards are eliminated when Rust Veto 4221-NB is used.
- **No Oily Feel to Parts:** As a final preservative, the thin film deposited by Rust Veto 4221-NB results in finished parts without an "oily" feel.
- **Ferrous Corrosion Preventive:** When applied to cleaned parts, a 5–10% dilution of Rust Veto 4221-NB is capable of protecting ferrous components for 9 months depending upon storage conditions.
- **Thin film protects your parts** without excessive carry-off which reduces usage and cost.

## HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.



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