



RUST VETO[®] 377

RAISES WATER OFF WET METAL TO PREVENT RUST

ADVANTAGE

- Displaces water, even on wet surfaces
- Excellent coverage per gallon reduces cost
- Safe for most bi-metals; long lasting film
- Compatible with lubricants; easy to remove.

Polar-type, water displacing RUST VETO[®] 377 actually raises water off wet metal to coat the entire metal surface with an economical, long-lasting film. It slides under the most microscopic drops of water to spread a thin film of almost colourless rust preventive.

TYPICAL PHYSICAL PROPERTIES

PROPERTIES

Film type	Light, soft, greasy film
Film thickness (microns)	7.87
Flash Point, (°C), (closed cup, typical)	67
Density @ 15 °C, (typical)	0.82 Kg/L
Dry to set time (minutes) removability	60 - 120 Remove with petroleum solvents, CERFA KLEEN [®]

PROTECTIVE PROPERTIES

Water displacement Spec. MIL-C-16173-C	Meets Government's requirements
Humidity Cabinet	38°C - 30 days min
Type of protection	High humidity and finger print suppression
Protection period	
- Indoor	12 – 18 months
- Outdoor	3 – 6 months (shed protection)

USE WITH WET METAL

Metal doesn't need to be completely dry when RUST VETO[®] 377 is applied.

Fluid Partnerships Making a World of Difference

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ECONOMICAL

Fine film and attraction for metal make RUST VETO® 377 "creep" across the metal's surface, spreading over a large area.

IDEAL FOR BI-METALS

Can be used safely with many combinations of ferrous or non-ferrous metals and alloys with no reaction.

LONG-LASTING FILM

RUST VETO® 377 has an anti-oxidant additive. It won't break down and corrode metal. Resists oxidation even under long-term storage. Its affinity for metal means the film adheres to the surface, handling won't wipe the film off.

LABORATORY AND FIELD TEST RESULTS

- Withstands more than 30 days at 100% humidity.
- Meets Water Displacement Test in Govt. Specs. MIL-C-16173C, Gr.3, and MIL-C-14201A, Gr.2.
- Film Thickness 0.0003" (0.3 mm)
- Sprayable at 4.4°C
- Flash Point 67°C
- Cold Test - minus 15°C
- Gravity - 40.3° Baume
- Pounds/Gallon - 6.858 (0.82 kg/l)
- Field reports show cases of more than one year's protection in some applications.
- Coverage 1300 sq/ft Gallon

HOW TO USE

Apply by dip, spray or brush between 5°C and 35°C. the film is easily removed by solvent, degreaser or an alkaline cleaner such as CERFA-KLEEN® HST or HPW.

WHERE TO USE

RUST VETO® 377 is a real multi-purpose product. Use it across the board for indoor protection of critical surfaces or for packaged materials. Examples are hardware, ball bearings, dies, tools, fixtures, gauges, polished steel, phosphatised surfaces and idle or stored machinery.



FEATURES

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PERFORMANCE

- A ball bearing company conducted this test: Highly polished balls were dipped in preventive and placed in jars of tap water. All competitive products failed within a month and a half. After two months, the balls dipped in RUST VETO® 377 showed no rust and the test was stopped.
- An airconditioner manufacturer uses RUST VETO® 377 for in-plant and between operations protection of turbine parts from 1/4 inch to 12 feet in length. Application is the utmost in simplicity. Small parts are put in a basket and dunked in a bucket of RUST VETO® 377. Large parts are sprayed with a hand sprayer.

STORAGE

Store below 32°C.

After prolonged storage, 9 months to 1 year, the product will show some separation. Rolling the drum, before opening, will insure that the product is ready to use.

SHIPPING INFORMATION

This product is available in 55 U.S. gallon drums and in bulk.

Shipping Classification : Combustible Liquid, N.O.S. (Petroleum Lubricating Oil, N.O.S.)

HANDLING AND SAFETY DATA

Contains petroleum hydrocarbons. Avoid prolonged breathing and/or skin contact. Use with adequate ventilation. Keep away from open flames or other sources of ignition.

HEALTH ASPECTS

Ingestion

There may be irritation of the mouth, throat and digestive tract, resulting in vomiting and abdominal pain. Significant absorption may cause drowsiness or loss of consciousness.

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Inhalation

The Threshold Limit Value for this product's vapors is 500 ppm. Overexposure may cause dizziness and loss of consciousness. When this product is being sprayed, precautions should be taken to minimize inhalation of the spray mist.

Aspiration

Aspiration of this product is highly hazardous and may give rise to rapidly developing pneumonitis.

Skin and Eye Contact

This product is slightly to moderately irritating, and frequent or prolonged contact may cause dermatitis. It may be slightly irritating if splashed into the eye.

NOTE - Contamination during service may significantly increase the irritancy of this product.

EMERGENCY TREATMENT

Ingestion

Do not induce vomiting because of the risk of aspiration. Contact a physician.

Aspiration

If there is any suspicion of aspiration into the lungs (for example, during vomiting), obtain immediate medical advice.

Eyes

Irrigate the eyes with copious quantities of water. Contact a physician.

DISPOSAL

- Spills - Treat with dry, absorbent material; then sweeps up and dispose.
- Waste - Follow local regulations for disposal of solvents and petroleum products.

WARRANTY

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of our products is beyond our control. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

TAKE A LOOK AT THE HOUGHTON LINE: Fire-resistant hydraulic fluids / hydraulic oils / machining coolants / metal cleaners / rust preventives / steel mill products / metal forming products / quenchant / paper process chemicals / cost-saving technical service.

RUST VETO® 377 IS MADE IN THAILAND