

Rust Off®

Rust and oxide film remover

Manufacturer:

Conklin Company Inc.
551 Valley Park Drive
Shakopee, Minnesota 55379
(800) 888 – 8838 Fax (952) 496 - 4285

Product Description:

Basic use: Rust Off® restores metal to a ready-to-coat surface. Convenient gel formula mixes easily with water, making quick work of rust and film removal, clearing the way for Conklin Encase® Metal Primer rust inhibiting metal primer. The preferred metal roof treatment primer. The preferred metal roof treatment reacts with rust and oxide films and lifts them off metal surfaces. The extremely powerful multipurpose gel removes mineral buildup, ugly water stains and debris with ease. Rust Off is recommended for most varieties of metal, stainless steel, galvanized, galvalume, copper and aluminum roofing surfaces prior to application of Conklin Encase® Metal Primer and Conklin Metal Restoration System.

Limitations: Apply Rust Off® at temperatures of 40°F and rising. Do not apply when freezing may occur. Surface temperatures should not exceed 120°F and ambient temperatures should not exceed 100°F

Sizes: Rust Off® is available in six quart/case quantities.

Coverage Rate: A 1:20 solution of Rust Off® (One quart of Rust Off mixed with five gallons of water) will cover approximately 2,000 to 2,500 square feet (400 to 500 square feet per gallon). **Please Note:** *Be sure to consider the metal corrugation when determining all material requirements. Typically increase the square footage by 20 percent to ensure enough material is ordered.*

Technical Data:

Percent Acid by Titration	37.5%
Percent Phosphoric Acid	40%
Abrasive	None
Coverage	400 to 500 sq. ft./gallon (this rate is at 1:20 dilution)
Appearance	Clear, violet viscous liquid
Temperature	Do not apply at temperatures less than 40°
Biodegradable	Yes
Compatibility	Will not pit soft metals at recommended rates
Foaming	Low to none
Hard Water Tolerance	Effective in water exceeding 30 grain hardness
Packaging	Plastic quart (six quarts/cs.)
pH:	0.20 (as supplied) 1.5 (10%) 2.5 (1%)
Rinsing Properties	Non-residual
Shelf Life	2 Years in sealed container, moderate temperatures
Solids	40%
Surfactant	Nonionic
Surfactant Activity	2.0
Viscosity	20,000-30,000 cps (Brookfield)
Water Solubility	Completely miscible in all temperatures

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Application:

Remove as much grime, dirt, grit and sludge as possible before applying Rust Off. Use product in accordance with material safety data sheets. Apply Rust Off with a brush or low pressure sprayer at a rate of 400 to 500 square feet per gallon of mixed solution (1:20 dilution). Once the solution is applied, agitate the surface of the roof with a stiff-bristle brush, broom or mop. DO NOT leave Rust Off on the metal surface longer than fifteen minutes or allow the product to dry on the surface. It may be necessary to pre-wet the surface prior to application. Let Rust Off penetrate surface 10 minutes or until rust appears to be loosened. Rinse thoroughly with high-pressure cleaner water. Heavier rust deposits may require strong solutions to effectively clean the roofing surface. Increasing water temperature greatly enhances performance, although Rust Off is completely miscible in cold water.

Storage:

Freezing Rust Off will cause the product to be unusable. Store in a warm, dry environment.

Safety:

Warning: HARMFUL OR FATAL IF SWALLOWED. CONTACT A PHYSICIAN IMMEDIATELY. CORROSIVE. MAY CAUSE BURNS. Contains phosphoric acid. Keep out of the reach of children. Do not get in eyes or on skin, and do not breathe vapors. Use with adequate ventilation.

First Aid: Eyes and skin – immediately flush with plenty of water for at least 15 minutes. Ingestion – if swallowed, **DO NOT INDUCE VOMITING**, dilute with three to four glasses of water or milk. Immediately call a Poison Control Center or physician for further instructions. Inhalation – immediately move to fresh air.

For US Health Hazard Information, call:

1-888-786-0974

Proposition 65 Statement: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Please Note: Previous field applied coatings and residential properties are not warrantable



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