



## Red Rust Inhibiting Latex Primer Data Sheet

### CAN BE USED ON:

- Metal
- Concrete
- Masonry
- Plaster
- Wood
- Drywall

### PRODUCT ADVANTAGES:

- Stops and prevents rust.
- Gives mildew-resistant coating.
- Quick dry.
- Spatter resistant.

**CHEMEX RED RUST INHIBITING PRIMER** is the solution to stop corrosion damage of ferrous metals. Chemex Rust Inhibiting primer stops rust and gives a corrosion-resistant seal to protect against future damage. When applied per directions, this waterbased formula allows you to prime any rusty metal without the need to sand or grind bare metal. Existing rust is sealed permanently to prevent moisture and withstands weathering from sun, water, and salt spray without cracking or peeling. Apply topcoat directly to primed surface.

**READ AND FOLLOW ALL DIRECTIONS:** Surfaces must be clean, dry, and sound; contaminants such as dirt, dust, grease, wax, oils, soap film, mold & mildew, bond breakers, curing compounds, and loose, peeling paint must be removed before priming or painting. Repair holes & cracks with appropriate patching material.

**PRECAUTION:** Do not freeze. Wear protective clothing and eyewear during application of this product. Do not transport on passenger seats or inside passenger compartment of any vehicle. Store product in cargo area of vehicle, and secure with protective cloths to prevent accidental spill damage. Do not store at temperature above 100°F (37°C). Do not use in drinking water or food systems.

**PREPARING NEW UNPAINTED SURFACES:** Steel & Galvanized Metal: The surface must be cleaned thoroughly to remove any dust. Wood: Sand smooth and wipe clean. Any knots or resinous areas should be sealed before painting. Countersink all nails. Putty flush with surface. Caulk with acrylic latex caulk. Concrete & Masonry: Cure at least 30 days and preferably 90 days before priming. Surface pH must be less than 10.0. Roughen slick poured or pre-cast concrete and remove sealers by chemical cleaning or abrasive method such as sandsweeping. Rinse thoroughly with water and allow to dry. Remove loose aggregate. Fill block with an appropriate block filler. Aluminum and vinyl siding: Topcoat should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed. If an adhesion problem is evident or suspected, the surface must be scuff-sanded prior to proceeding to ensure mechanical adhesion. Do not repaint vinyl siding with colors darker than the original color, as this may cause the siding to warp.

**PREPARING PREVIOUSLY PAINTED SURFACES:** Dull glossy areas by lightly sanding. Wash to remove sanding dust, loose paint, dirt, chalk and other contaminants. Remove all mildew by scrubbing with a solution of 16 oz bleach to one gallon water. Rinse thoroughly and allow to dry 24 hours before painting.

**TINTING:** Tint the appropriate tint base with SUN colorants. Ready-mix colors cannot be tinted unless indicated as tintable.

**APPLICATION:** Mix thoroughly before use. Apply at a rate of 300-400 sq ft/gal (10m<sup>2</sup>/l) with a brush, roller or airless sprayer. Brush: use appropriate, premium latex paint brushes. Roller: use a 1/4"-3/8" nap cover for smooth surfaces, a 1/2" nap cover for semi-rough surfaces and a 3/4"-1" nap cover for rough surfaces. Airless spray: use a .015"-.017" tip, and adjust pump pressure as needed. Coverage: Actual coverage may vary depending on substrate and application method. Thinning: Thinning is not required. Temperature: Do not apply when the surface or air temperature is below 50°F (10°C); must be at least 5°F above the dew point before painting. Do not apply when rain, snow, or temperatures below 50°F are expected within 24 hours of application. Dry time: Dries to touch in less than 1 hour @ 77°F (25°C) and 50% R.H., and may be recoated in 2-4 hours. Temperature, humidity, film thickness, surface porosity, and ventilation can affect dry time.

**TOOL & APPLICATOR CLEANING:** Clean immediately with warm, soapy water. Dried paint may require cleaning with Mineral spirits (paint thinner).

**WALL CARE:** Allow 7 days after applying before washing walls. Use nonabrasive, mild detergent and cellulose sponge or warm baby wipes. Do not lean objects against freshly painted surfaces.

**SEE MSDS FOR ADDITIONAL INFORMATION.**

### TYPICAL PHYSICAL & PERFORMANCE CHARACTERISTICS

Weight Per Gallon	10.52 lbs.
Solids by Weight	53.0%
Solids by Volume	40.0%
Gloss Reading at 60 °	N/A
Viscosity (ASTM D-2697)	75.0 KU
Film Dry Thickness	1.8 mil
Combustible Solvents	Glycol Ether
Consistency	Brush, spray or roller
Suggested Coverage (varies per substrate)	300 SFPG
Cure Time (50% Relative Humidity, 70°F)	30 min.
Full Cure (50% Relative Humidity, 70°F)	1 hour.
Application Temperatures	50° - 110°F
Clean-up Tools	Water

**APPROXIMATE SHIPPING WEIGHTS:** Note - all weights include container.

1 gallon (3.8L)	11 lbs.
(4) 1 gallon containers/case	44 lbs.
5 gallons (18.9L)	55 lbs.
55 drums (208.2L)	605 lbs.

**FIRST AID:** If swallowed, gently wipe or rinse the inside of the mouth with water. Water may be given if person is alert. Do NOT induce vomiting. Get medical attention immediately. If skin/eye contact occurs, flush the affected areas with warm water for at least 15 minutes. Remove contact lens. A mild soap may be used on skin if available. If inhaled, remove from area to fresh air. If breathing is difficult, get medical attention immediately. Take MSDS or label information.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

### CAUTION!

**HARMFUL IF SWALLOWED. MAY CAUSE EYE, SKIN AND RESPIRATORY IRRITATION. USE WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY. KEEP CLOSED WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.**

**CALIF. PROP. 65 • CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ).** WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation, when using product.

**VOC/VOS:** Contains less than 30 g/l

Water/Agua	CAS # 7732-18-5
Acrylic Resin	CAS # 9063-87-0
Ethylene Glycol	CAS # 107-21-1
Red Iron Oxide	CAS # 1309-37-1
Calcium Carbonate	CAS # 471-34-1
Zinc Chromate	CAS # 13530-65-9

Product is asbestos free.

**WARRANTY AND DISCLAIMER:** For limited warranty and disclaimer information, contact the Sun Paints & Coatings corporate office at 1-800-247-9891.

