



*Coatings Technology Since 1899*

## PRODUCT DATA SHEET

### Sentrx Rust Preventative Primer Yellow

**Product Code:** 135200

#### DESCRIPTION

Sentrx Rust Preventative Primer is a phenolic-modified alkyd primer formulated for interior and exterior iron, steel and galvanized steel surfaces. Its alkyd phenolic vehicle provides good wetting, adhesion and resistance to lifting. Its anti-corrosive pigmentation provides excellent rust inhibition and weathering. It may be welded without producing toxic fumes.

It is an ideal primer for machinery including farm and construction equipment, structural steel, rail cars and metal parts requiring rust protection and durability. It can be reduced with exempt solvents such as acetone to improve application. It is free of lead and chromate hazards and is packed in compliance with 16 CFR part 1303.

#### FEATURES

- Excellent Corrosion Resistance
- Quick Dry
- High Solids
- Reducible with Exempt Solvent

#### MINIMUM DRY FILM THICKNESS

A minimum dry film thickness of 1.5 mils is required for the coating to provide good corrosion resistance.

#### SAND-BLASTED SURFACES

Apply a film thickness 1 mil greater than the maximum thickness of the blast profile of a sand-blasted surface. This prevents blast profile peaks from becoming areas of incomplete film thickness.

#### RATE OF FILM BUILD

This is a high solids coating, therefore rate of film build during coating application will be faster than what is observed for conventional coatings. Thicker films will dry slower.

#### NEW STEEL

For best results give a commercial blast cleaning to at least the minimum standards specified by SSPC-SP-6.

Society for Protective Coatings- <http://www.sspc.org/standards/spscopes.html>

#### PHYSICAL PROPERTIES

Vehicle Type:	Phenolic Alkyd
Flash Point:	50 °F
Weight Solids:	68 - 72 %
Volume Solids:	47 - 51 %
Weight Per Gallon:	11.1 - 11.5 lbs/gal
English VOC:	< 3.4 lbs/gal
Metric VOC:	< 400 g/l
Dry to Touch:	15 - 30 minutes
Dry to Recoat:	30 min
Coverage per gallon <sup>1</sup> :	350 - 400 sq ft/gal
Dry Film Thickness <sup>2</sup> :	0.0 - 0.0 mils
Application Method:	Spray, brush, roll
Reduction Solvent:	022008 Mineral Spirits
Clean Up Solvent:	022008 Mineral Spirits

1. Coverage per gallon varies with several factors including the painter, force applied and surface porosity; because of this variability, actual coverage may be outside of the estimated range.

2. Dry Film Thickness calculations assume a nonporous substrate. A porous substrate will have a film thickness less than the calculated film thickness.

#### PRIOR TESTING

Due to unknown factors including substrate composition, topcoat chemistry, surface preparation, application technique and environment, the customer should test the complete topcoat/primer/substrate system for adhesion and compatibility prior to full scale application.

#### PREVIOUSLY PAINTED SURFACES

Wash and rinse away any oil or grease residue. Dull gloss areas with a light sanding then remove all sanding dust and remove any loose paint. Clean all areas with rust, blistering, cracking or peeling down to bare metal (SSPC-SP2 or -SP3). If a considerable portion of the surface requires cleaning then sandblast the entire surface (SSPC-SP7) and prime.

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#### BLAST CLEANING

After blast cleaning there should not be any contaminants present that are visible without optical magnification.

3/3/2009

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**SAFETY:**

Before starting any of the following procedures, be sure you have and use Personal and Environmental Protective Equipment for all hazards involved. Please read the Material Safety Data Sheet information before using this product.

**ADVISORY:**

The National Paint and Coatings Association (NPCA) has determined that 80% of all paint and coatings failures can be directly related to improper or inadequate surface preparation.

National Paint and Coatings Association, [www.paint.org](http://www.paint.org)

**DANGER!**  
**FLAMMABLE LIQUID AND VAPOR!**  
**VAPOR HARMFUL!**  
**HARMFUL OR FATAL IF SWALLOWED;**

**PRECAUTIONS:**

Low temperature, high humidity, heavy application and excessive film build will extend drying times.

**WARNING:**

Use only with adequate ventilation. Do not breathe vapors or spray mists. Ensure fresh air entry during application and drying. If sanding, applying by spray application, or you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor mist levels above applicable limits, wear an appropriate properly fitted respirator (NIOSH approved) during and after application. Follow manufacturer's directions for respirator use. Close container after each use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

If you scrape, sand or remove old paint from any surface, you may release lead dust or other chemical dust hazards. 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 dust exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

National Institute for Occupational Safety and Health, [www.cdc.gov/niosh/programs/](http://www.cdc.gov/niosh/programs/)  
Mine Safety and Health Administration, [www.msha.gov](http://www.msha.gov)

**FIRST AID:**

If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately. If swallowed, do not induce vomiting. CALL PHYSICIAN IMMEDIATELY. In case of eye contact, flush eyes immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water.

**SPILL:**

If spilled, contain spilled material and remove with inert absorbent.

**DISPOSAL:**

Dispose of contaminated absorbent, container, and unused contents in accordance with local, state and federal regulations.

Always consult your Sampson Representative for Special Problem Applications.

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