SP High Heat Ambient Primer is a modified siloxane epoxy resin. Developed as an isocyanate-free, high solids, low-VOC coating used in heavy industrial, marine, heavy equipment, it has toughness, durability and excellent chemical resistance for base or top coats. SP High Heat Ambient Primer has an excellent bond between inorganic and organic polymers and provides excellent wetting and adhesion characteristics. Designed to be brushed, rolled or sprayed over ambient surface (pipes, heat exchangers, tanks and boilers) to prevent corrosion development and/or CUI. When unit is operating, the coating can withstand temperatures up to 650°C (1202°F).

**TYPICAL USES**
Applied over ambient surfaces that will be operating at surface temperatures up to 1202°F (650°C); or applied under all insulation materials to stop CUI.

**APPLICATION METHOD**
Apply by brush, roller or spray over. SP High Heat Ambient Primer can be applied in multiple coats to achieve thickness.

**SPRAY RATE**
4 coats: Each coat is applied at 250 sqft (23.2 sqm) per gallon will give a 5.7 mil (143 micron) dry thickness per coat. Allow one (1) hour between coats.

Apply four (4) coats for a total of 23 mils (570 micron) dry thickness when finished.

**PHYSICAL DATA**
- Solids by weight = 99.7%
- Solids by volume = 99.6%
- Dry time: = 1 hour between coats
- Pot life = Usable Pot Life = 2 hours
- Lead-, chromate- and asbestos-free
- Full cure with 40% relative humidity in 48 hours
- Heat and humidity allow a faster cure cycle.
- When mixed, brown/gold appearance.
- Weight per gallon (A+B) 10.5 lbs. (4.7 kilos)

**SAFETY PRECAUTIONS**
Do not use this product without first taking all appropriate safety measure to prevent property damage and injuries. These measures may include without limitation: proper ventilation, use of proper lamps, wearing of protective clothing and masks, tenting, and proper separation of application areas. Avoid prolonged contact with skin or breathing of spray mist. KEEP OUT OF REACH OF CHILDREN.

**LIMITATION OF LIABILITY:** The information contained in this data sheet is based upon tests that we believe to be accurate and is intended for guidance only. All recommendations or suggestions relating to the use of the products made by SPI, whether in technical documentation, or in response to a specific enquiry, or otherwise, are based on data which to the best of our knowledge is reliable. The products and information are designed for users having the requisite knowledge and industrial skills, and the end-user has the responsibility to determine the suitability of the product for its intended use.

SPI has no control over either the quality of condition of the substrate, or the many factors affecting the use and application of the product. Therefore, SPI does not accept any liability arising from loss, injury, or damage resulting from such use or the contents of this data sheet (unless there are written agreements stating otherwise).

The information contained in this data sheet is subject to modification as a result of practical experience and continuous product development. This data sheet replaces and annuls all previous issues and the user has the responsibility to ensure that this sheet is current prior to using the product.