

Simco Coatings Inc.

Manufacturer of Military Spec.,
Corps of Engrs. Spec, Industrial, &
Marine Coatings

TECHNICAL DATA SHEET

HTR-7500

ONE COMPONENT HEAT RESISTANT PRIMER FOR STEEL SURFACES

PRODUCT DESCRIPTION:

HTR-7500 is a single component, pigmented pure silicone primer that may be applied while equipment is operating. HTR-7500 High Heat Primer will accommodate 750°F temperatures; however, when over coated with HTR "Pure" Silicone Topcoat, the system endures constant heat of 1,000°F and intermittent to 1,200°F.

RECOMMENDED USES:

Service temperatures between 750°F and 1,200°F.

CAUTION:

After application, let material stand for 2-3 hours at 75°F, then gradually raise temperature to between 300°F to 400°F for One hour to cure properly for handling purposes. Lower temperatures will require a longer cure time.

TECHNICAL DATA

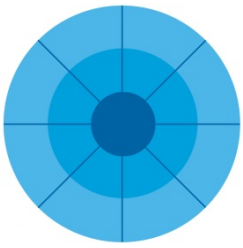
TYPE:	Pure Silicone
COLOR:	Gray
FLASH POINT:	45°F
DRYING TIME 750°F:	
A. TO TOUCH	30 Minutes
B. TO TOPCOAT	6 Hours
C. TO FULL CURE	1 Hour between 300°F to 400°F
SHELF LIFE:	1 Year
% VOLUME SOLIDS:	45-50 % Depending upon the color
VOLATILE ORGANIC COMPOUNDS (VOC):	3.50 lbs./gallon or 420 g/l
RECOMMENDED DRY FILM THICKNESS:	2-3 Mils
THEORETICAL COVERAGE AT 2.0 MILS:	350 Square ft./gallon
THINNER:	T-1
TEMPERATURE RESISTANCE:	1000°F. continuous: Up to 1200°F intermittent
SHELF LIFE:	1 year

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SURFACE PREPARATION:

All surfaces must be clean, dry and free from all loose rust, scale, paint or oil. For best results abrasive blast SSPC-SPC6 commercial.

APPLICATION:

Brush, roller or spray.

SAFETY PRECAUTIONS:

- (A) Use normal precautions such as gloves and facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights and electrical equipment.
- (D) Non-sparking shoes and tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin and eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain immediate medical attention.

NON-WARRANTY:

The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information or of this product, no warranty, expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for coverage, performance, or any other damages, including injuries resulting from use of this information or of products recommended herein.

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