



Simco Coatings Inc.

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

TECHNICAL DATA SHEET

HTR-7004 ONE COMPONENT, HEAT RESISTING SILICONE MODIFIED ALUMINUM PAINT

PRODUCT DESCRIPTION: A single component, high performance, air-drying, silicone modified alkyd primer, interior/exterior finish intended for use on properly prepared metal. It withstands temperatures of 350°F with peak to 450°F. It cures via air or heat and it can be easily applied with brush, roller or spray to a very smooth finish. The resultant finish is highly heat and weather-resistant and exhibits prolonged durability and color retention compared to conventional alkyd coatings. It is recommended for use on marine surfaces above the water line, storage tanks, machinery & equipment. It can also be used on refinery equipment, heaters, stacks, breaching, furnaces, hot piping, process vessels, and heat exchangers.

TECHNICAL DATA

TYPE:	Silicone alkyd topcoat
COLOR & FINISH:	Aluminum Silver Finish
FLASH POINT:	100°F
DRYING TIME AT 75°F:	
(A) TO TOUCH:	2 hrs.
(B) TO HANDLE:	8 hrs.
(C) TO TOPCOAT:	24 hrs.
VOLUME SOLIDS:	41.0%
RECOMMENDED DFT:	2.0 mils
THEORETICAL COVERAGE AT 2.0 MILS:	325 sq. ft. approx.
SHELF LIFE:	12 months
VOLATILE ORGANIC COMPOUNDS (VOC):	3.00 lbs./gallon or 360 g/l
THINNER:	Mineral Spirits
TEMPERATURE RESISTANCE:	350°F - 450°F
SHIPPING WEIGHT - 1's:	8.6 lbs.
5's:	43 lbs.

SURFACE PREPARATION: This product, is designed to be applied over blasted or primed steel. Ensure that the surface is free form contaminants.

APPLICATION: Can be applied by conventional spray, brush or a roller. Mix the product thoroughly before use. Thin up to 5% with mineral spirits if required for work ability.

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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 the use of this information or of products recommended herein.

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