

N-6974



Low VOC Heat Resisting Aluminum, TT-P-28H, Type I

Intended Uses:

Designed for use on superheated steam lines, boiler casings, boiler drums, superheated headers and similar high temperature applications at temperatures up to 1200°F.

Physical Properties

Color:	Aluminum - #17178	Substrate Tested:	Blasted steel
Gloss:	Leafing Aluminum	Water Immersion:	N/A
Volume Solids:	36 +/- 2.0%	Flexibility:	N/A
Weight Solids:	44 +/- 2.0%	Salt Spray:	No rusting or blistering after 24 hrs exposure of panels cured at 500°F, 600°F and 900°F respectively.
Weight Per Gallon:	11.6 +/- 0.2 lbs	Pencil Hardness:	N/A
Theoretical Coverage:	577 sq ft/gal @ 1 mil dft	Florida Weathering (1 year):	N/A
VOC:	2.1 lbs/gal (250 gms/liter) Maximum	Recommended Film Thickness:	0.7 – 1.2 mils dry (1.9 – 3.3 mils wet) per coat, typical application is 2 coats Total DFT 1.4-2.4 mils
Viscosity:	61 - 72 KU		*High film builds can adversely affect heat resistance.

Application Characteristics

Mix Ratio:	Single component product		
Reducer:	No thinning allowed.		
Cleaning Solvent:	Mineral spirits		
Pot Life:	N/A		
Dry Time @ 77°F:	Touch: 15 minutes	Dry Hard: 6 hrs	Recoat: After 30 minutes
Full Cure:	Full hardness is achieved after heated for 1 hour at 400F. Serviceable after 8 hours air dry. Allow product to flash off for 15-30 minutes before baking.		

Recommended Primers

<u>Substrate</u>	<u>Recommended Primer</u>
Steel:	Self priming

Application Equipment

Conventional Spray:	Air Pressure: As needed to properly atomize material.	Fluid Pressure: As needed to properly atomize material.	Cap: 64° Tip: D
Brush: Use Natural Bristle Brush. Roller: Use short nap roller			
Note: The above parameters are to be used as a guideline only.			

Technical Data Sheet

N-6974

Low VOC Heat Resisting Aluminum, TT-P-28H, Type I



Surface Preparation

Surface to be coated must be clean and dry prior to application per SSPC-SP1. Apply over SSPC-SP10 blasted steel for best results..

Safety Precautions

This product is intended for professional use in an industrial environment only! Consult the Material Safety Data Sheet prior to application for detailed information on the health and safety hazards.

Shelf Life & Storage Conditions

Shelf life: 12 months from the date of manufacture. This product must be stored in accordance with local, state, and national regulations. Keep containers in a cool (35°F –95° F), dry, well- ventilated space and away from sources of heat and ignition.

Comments

For additional information contact your NCP Coatings, Inc. Sales Representative, Customer Service Representative, or visit our website: www.ncpcoatings.com

Note

The above information is supplied as a guideline to our customers. The user must be aware of the cleaning, pretreatment, application and testing requirements for their specific job!