



DESCRIPTION	<p>A Silicone Aluminum Coating that withstands temperatures up to 1200°F. Hi-Temp #AL-2402 paint is formulated with a leafing aluminum pigment and silicone vehicle that withstands temperatures up to 1200 degrees F (649 degrees C). It is excellent for use on engine headers, manifolds, furnaces, boilers, kilns, metal fireplaces, grills and more. It forms a super durable porcelain-like bond on surfaces at high temperatures and offers excellent resistance to gasoline, rust, salt spray, oil, grease and humidity. Dries to a brilliant, glossy, silver finish.</p> <p>Superior high gloss finishes Oil and gas resistant Will not blister, flake, crack or peel Resists temperatures up to 1200 degrees F, intermittently Durable ceramic formulation Tough cured finish resists oil, gas grease, rust, salt, humidity, and solvents</p>
USES	<p>Suitable for application to the following properly prepared surfaces: *Smokestacks * Furnaces * Heat Exchanges * Breechings * Boilers * Steam Pipes * Ovens * Drying Kilns *Manifolds * Exhaust Systems * Stoves * Headers *Machinery Casings *Incinerators.</p>
SPECIFICATIONS	<p>Surface Preparation: All surfaces must be sound, dry, clean and free of oil, grease, dirt, mill scale, and any other surface contaminants. The service life of heat resistant coatings is dependent on the degree of surface preparation performed. For best results, an abrasive blast conforming with SSPC-SP- 5 white metal or SSPCSP-10 near white blast is recommended. Blast profile should be approximately .5 mils and should be jagged in nature. Coating thickness must be a minimum of 2 mils above the blast profile, but should not exceed 3 mils. Coated surface should be cured at 450°F – 500°F for one hour for maximum durability. Primers: None required but if additional corrosion protection is required, a first coat of HR 2413 High Temperature Zinc is recommended.</p> <p>Application: Stir thoroughly before use. DO NOT Use mechanical shakers or mixers, stir by hand only to avoid damaging aluminum flakes. Apply 2 full coats by brush, roller or spray gun. Roll: 1/2" lambs wool or 1/4" – 1/2" synthetic roller cover depending on surface texture. First coat should be allowed to dry overnight before applying the second coat. Do not thin or add other paints or solvents.</p> <p>Clean brushes, rollers and other painting tools in warm soapy water after use</p>
LIMITATIONS	<p>Do not apply when temperature of air and surface is below 50° F (10° C), nor on damp and rainy days. Do not use for immersion service or substrates constantly in contact with moisture. Do not apply below grade. Not for use in aggressive chemical environments. CLOSE CONTAINER AFTER EACH USE. STORE in a clean, dry place. KEEP FROM FREEZING</p>
TECHNICAL DATA	<p>COLOR: Bright Silver RESIN TYPE: Silicone Alkyd PIGMENT TYPE: Aluminum FINISH: Low Sheen (20 @ 60°) SOLVENT TYPE: Aromatic/Aliphatic Hydrocarbons Recommended # of Coats: Two WEIGHT PER GALLON: 11.9 lbs. Dry Time: Set to touch in 1 hour. Recoat in 2 hours. THINNER: Naptha CLEANUP: Mineral Spirits-Paint Thinner-Stoddard Solvent VOC: 5.1 #/gal (612 g/l) DRY HEAT RESISTANCE: 1000°F continuous, 1200°F intermittent FLASH POINT: 105°F Seta Flash SOLIDS BY VOLUME: 25.6% WEIGHT PER GALLON: 8.5 lbs. RECOMMENDED DRY FILM: 2 mils COVERAGE: Theoretical coverage at one mil dry is 410 square feet per gallon, and 205 square feet per gallon at two mils dry. Material losses during mixing and application will vary and must</p>

be taken into consideration when estimating job requirements.

VISCOSITY: 65 - 75 KU

SHELF LIFE: Minimum 12 months. PACKAGE: 1 Gallon Cans -5 Gallon Pails (special order)

WARNINGS!

FLAMMABLE! HARMFUL OR FATAL IF SWALLOWED. CONTAINS MINERAL SPIRITS, HIGH FLASH NAPHTHA. Keep away from heat, sparks, and flame. If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, AVOID EXPOSURE. Before you start, find out how to protect yourself by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD(5323) or log on to www.epa.gov/lead” KEEP OUT OF REACH OF CHILDREN ~ DO NOT TAKE INTERNALLY **USE WITH ADEQUATE VENTILATION.** Avoid prolonged or repeated contact with skin and breathing of vapors or spray mist. Coatings should only be applied when ventilation is adequate. If there is not adequate ventilation, applicators should wear respirator protection approved by NIOSH / MSHA (TC-23C or equivalent). **NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents maybe harmful or fatal.**

HMIS VALUE: H = 1 F = 2 R = 0 PP = C

Limited Warranty

The statements made on this bulletin are given for information only. They are believed to be true and accurate and are intended to provide a guide to approved construction practices and materials. As workmanship, weather, construction equipment, quality of materials and other variables affecting results are all beyond our control, Hy-Tech Thermal Solutions, LLC , does not make nor does it authorize any agent or representative to make any warranty of merchantability or fitness for any purpose or any other warranty, guarantee or representation, express or implied, concerning this material except that it conforms to Hy-Tech's quality control standards. Any liability whatsoever of Hy-Tech Thermal Solutions, LLC, to the buyer or user of this product is limited to the purchaser's cost of the product itself.

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