GENERAL DESCRIPTION

A single component, interior/exterior, bright, leafing aluminum, long oil, gloss alkyd finish formulated for use on properly prepared and primed metal surfaces. *Speedhide* Aluminum Paint provides an excellent moisture barrier, a bright, glossy aluminum color, and is designed for mild industrial environments up to 450ºF (232ºC).

RECOMMENDED SUBSTRATES

Aluminum Galvanized Steel
Ferrous Metal

CONFORMANCE STANDARDS

Meets MPI® category #1, aluminum paint

APPLICATION INFORMATION

Stir thoroughly before using and frequently during use. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN. Read all label and Material Safety Data Sheet (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

Application Equipment: Apply with a high quality brush, or by spray equipment. Changes in application equipment, pressures, and/or tip sizes may be required depending on ambient temperatures and application conditions.

Conventional Spray: Fluid Nozzle: DeVilbiss MBC-510 gun, with 704 air cap with E tip and needle, or comparable equipment.

Airless Spray: Pressure 2000-2500 psi, tip 0.013” - 0.015”

Spray equipment must be handled with due care and in accordance with manufacturer’s recommendation. High-pressure injection of coatings into the skin by airless equipment may cause serious injury.

Explosion-proof equipment must be used when coating with these materials in confined areas. Keep containers closed and away from heat, sparks, and flames when not in use.

Brush: Polyester/nylon brush
Roller: Not recommended

Thinning: Do not thin.

Permissible temperatures during application:

Material:	50 to 90ºF	15 to 32ºC
Ambient:	50 to 100ºF	10 to 38ºC
Substrate:	50 to 100ºF	10 to 38ºC

TINTING AND BASE INFORMATION

6-230 Aluminum

Do not tint.

PRODUCT DATA

PRODUCT TYPE:	Modified Oleoresinous Varnish
SHEEN:	Semi-Gloss (typically)
VOLUME SOLIDS:	48% +/- 2%
WEIGHT SOLIDS:	57% +/- 2%
VOC:	416 g/L (3.5 lbs./gal.)
WEIGHT/GALLON:	8.1 lbs. (3.7 kg) +/- 0.2 lbs. (91 g)

COVERAGE: Approximately 500 to 750 sq. ft./gal. (46 to 69 sq. m/3.78L) per U.S. Gallon (3.78L) on smooth, nonporous surfaces.

Wet Film Thickness:	3 mils
Wet Microns:	82
Dry Film Thickness:	1.5 mils
Dry Microns:	38

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

DRYING TIME: Dry time @ 77ºF (25ºC); 50% relative humidity.

To Touch:	6-8 hours
To Recoat:	24-30 hours

This product contains a leafing aluminum pigment and may be very slow to reach full cure, particularly in humid conditions. Aluminum may rub off for an extended period of time.

Drying times listed may vary depending on temperature, humidity, film build, and air movement.

In Service Temperature: Dry Heat 450ºF (232ºC)

CLEANUP: Paint thinner

DANGER: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container. Refer to www.pittsburghpaints.com, Spontaneous Combustion Advisory for additional information.

DISPOSAL: Contact your local environmental regulatory agency for guidance on disposal of unused product. Do not pour down a drain or storm sewer.

FLASH POINT: 114ºF (45.6ºC)

FEATURES / BENEFITS

Features	Benefits
Special resin	Heat resistant to 450ºF (232ºC)
Single component	No component mixing required
Ready-mixed aluminum color	Maximum sheen
Excellent moisture barrier	Helps prevent rust
Excellent adhesion	Sticks to difficult substrates
Meets *MPI* category #1, aluminum paint	Meets strict performance and aesthetic requirements

GENERAL SURFACE PREPARATION

Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding. Prime all bare and porous substrates with an appropriate primer.

WARNING! If you scrape, sand, or remove old paint, you may release lead dust or fumes. LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

Heat resistance to 450ºF (232ºC) on metal substrates requires near white metal blast per SSPC-SP10.

ALUMINUM: This substrate may present potential adhesion problems. Any coating applied directly to aluminum should be spot applied, allowed to cure overnight, and then evaluated for adhesion. If adhesion is good, the application may proceed.

FERROUS METAL: The surface must be cleaned thoroughly to remove any dust, rust, and surface contaminants, and then primed.

GALVANIZED STEEL: Caution must be used when selecting coatings for use on all galvanized metal surfaces. These substrates may have a factory-applied stabilizer, which is used to prevent white rusting during storage and shipping. Such stabilizers must be removed by either brush blasting, sanding or chemical treatment prior to priming.

RECOMMENDED PRIMERS

Aluminum	17-921
Ferrous Metal	90-712
Galvanized Steel	17-921, 90-712

PACKAGING

1-Gallon (3.78L)
5-Gallon (18.9L)

LIMITATIONS OF USE

Apply only when air, surface and product temperatures are above 50ºF (10ºC) and at least 5º F (3ºC) above the dew point. Avoid exterior application late in the day when dew and condensation are likely to form or when rain is anticipated.

Not recommended for immersion service. For Professional Use Only; Not Intended for Household Use.

PPG Industries, Inc.
Architectural Coatings
One PPG Place
Pittsburgh, PA 15272
www.ppgpro.com

Technical Services
1-800-441-9695
1-888-807-5123 fax

Architect/Specifier
1-888-PPG-IDEA

PPG Canada, Inc.
Architectural Coatings
4 Kenview Blvd
Brampton, ON L6T 5E4

I2 4/2012
(Supersedes 11/2011)