**METAL-CLAD® ALKYD ENAMEL**

**HES Series (Semi-Gloss)**

Technical Data Sheet

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### PRODUCT DESCRIPTION

**METAL-CLAD® ALKYD ENAMEL** is a solvent-borne, corrosion resistant, modified alkyd enamel for moderate industrial use. This product is a high solids, low VOC formulation manufactured with premium pigments to ensure maximum color and gloss retention in multiple industrial environments. Designed for both new construction and maintenance use. May be used directly over prepared substrates. Superior corrosion resistance can be achieved when used with METALIZE® INDUSTRIAL PRIMER.

### FEATURES

- Corrosion resistant
- Prevents rust
- Interior / Exterior
- Long term flexibility
- High solids
- Low VOC
- Impact and abrasion resistant
- Excellent color and gloss retention

### RECOMMENDED USES

For interior or exterior application to all ferrous and prepared non-ferrous metal surfaces, including: industrial machinery, heavy equipment, utility trailers, structural steel, farm equipment, piping, tank exteriors, and ornamental ironwork.

### SURFACE PREPARATION

Remove all surface contaminants including oil, rust, loose paint, mill scale, and other detrimental matter by hand tool cleaning per SSPC-SP2 or solvent cleaning per SSPC-SP1. ULTRA-BOND® METAL CLEANER is the recommended cleaning solution for all steel surfaces. Preparing galvanized and aluminum substrates with ULTRA-BOND® will improve adhesion. For best results, iron and steel can be prepared by commercial blast cleaning per SSPC-SP6.

Coating performance is dependent on adequate surface preparation and proper application. Due to the wide variety of substrates, surface preparation methods, and application environments, the user should test the complete coating system for adhesion and compatibility before full-scale production.

**Warning!** The removal of old paint may release lead dust. Lead is toxic and can cause serious illness and brain damage, especially in children. Before removing old paint, be sure to find more information on how to protect yourself and others by contacting the National Lead Information Hotline at 1-800-424-LEAD, or visit www.epa.gov/lead.

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### TECHNICAL DATA

Type: Modified alkyd polymer
Components: 1
Color: Full range available
Theoretical Coverage: 500 ft² / gal
VOC: <275 g/L
Gloss 60°: 50-60
Solids Weight: 79% ± 2% †
Solids Volume: 65% ± 2% †
Viscosity: 60-70 KU †
Shelf Life: 2 years unopened
† May vary by color

This is a compliant extreme high gloss coating as required by the SCAQMD under Rule 1107.

### Dry Time (ASTM D1640 @ 77°F):

| Time to | 1-2 hours |
| _______ | ________ |
| To touch | To handle |
| _______ | ________ |
| Recast | 2 hours |
| _______ | ________ |
| To cure | 7-10 days |

**Note:** The above schedule provides only a general guideline. Time to cure can vary based on many factors including: film build, humidity, air and surface temperature, and the use of additives or reducers.

### DIRECTIONS FOR USE

Application: Mix thoroughly prior to use. Spray is the preferred application method to ensure adequate film build and protection. Conventional pressure feed, high volume low pressure (HVLP), airless, and/or electrostatic spray equipment are recommended.

Reduction: As needed up to 30% with AC-3 REDUCER or equivalent zero VOC compliant solvent.

Recommended DFT: 2.0 – 3.0 mils

Cleanup solvent: AC-3 REDUCER or equivalent zero VOC compliant solvent.

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### ADDITIONAL INFORMATION

Review product label and Material Safety Data Sheet before using this product. Contains organic solvents. A NIOSH approved air supply respirator should be worn at all times when using this product. Material Safety Data Sheets are available online at [www.pfiinc.net](http://www.pfiinc.net) or by request. This product is free of lead and chrome.

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**Product Identification**

**2-HES-2606**

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