



# Product Data Sheet

## Flat Black Enamel - 0426

### Product Description

An alkyd based dead flat coating.

### Where to Use

Used primarily on ornamental iron, heaters, or any utility type framing, etc. This product has good resistance to humidity, fumes, marking, and weather.

### Product Characteristics

Color Black

Gloss Flat

Architectural and Industrial Maintenance Category Not Intended for Residential Use, Shop Use Only

|                    |                    |                 |                  |
|--------------------|--------------------|-----------------|------------------|
| <u>Drying Time</u> | <b>Temperature</b> | <b>To Touch</b> | <b>To Recoat</b> |
|                    | 75°F / 55% R.H.    | 20 Minutes      | 8 Hours          |

(Cooler temperatures and higher humidity will lengthen drying time)

### Preparation & Priming

Surface Preparation For maximum performance, the recommended substrate should be blasted in accordance with SSPC-SP7. If blast cleaning is not feasible, the substrate should be degreased in accordance with SSPC-SP1. All burrs should be removed and sharp edges or rough weld seams should be ground down. Full use should then be made of mechanical power tools, in conjunction with wire brushing and chipping to remove all loose rust and mill scale to a standard of cleanliness conforming to SP-2 or SP-3.

Finish Coats Use Anchor #1730 Rust Inhibitive Primer Series, #0472 Fast Dry Primer or direct to metal. Consult your Anchor representative for specific job recommendations.

### Mixing & Application

Mixing Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning This coating is VOC compliant; only thin if permitted by federal, state and local regulations. If necessary, use Anchor #J1131 for spray applications or #J1112 for brush and roller usage.

Surface Temperature Minimum 40°F, Maximum 110°F - The surface should be dry and the relative humidity should be no greater than 85%.

Recommended Thickness 1.6-2.0 mils dry per coat, two coats recommended

Theoretical Coverage 724 ft<sup>2</sup>/gal at 1 mil dry, assuming no application losses. Coverage will vary depending on the color, application technique, porosity and design of the substrate.

| <u>Coverage Rates per Coat</u> | # | <u>Dry Mils</u> | <u>Wet Mils</u> | <u>Ft<sup>2</sup>/gal</u> |
|--------------------------------|---|-----------------|-----------------|---------------------------|
| <u>Suggested</u>               |   | 1.8             | 4.0             | 402                       |
| <u>Minimum</u>                 |   | 1.6             | 3.5             | 452                       |
| <u>Maximum</u>                 |   | 2.0             | 4.4             | 362                       |

| <u>Application Equipment</u> | <u>Airless Spray</u>      | Pressure  | 1200-2200 psi |
|------------------------------|---------------------------|---|---------------|
|                              |                           | Tip   | 0.011"-0.015" |
|                              | <u>Conventional Spray</u> | Air Pressure                                    | 60-80 psi     |
|                              |                           | Fluid Pressure                                  | 10-20 psi     |
|                              | <u>Brush</u>              | Use a high quality natural china bristle brush. |               |
|                              | <u>Roller</u>             | Use a 1/4" synthetic nap roller cover.          |               |

Application Considerations The recommended method of application is by airless spray. However, brush, roller, or conventional spray may also be used. To avoid dusting, apply in wet coats. On a derusted surface the application of a dry film thickness of at least 2 mils is recommended.

## Technical Information

|                            |  |      |                                       |
|----------------------------|--|------|---------------------------------------|
| <u>Solids by Volume</u>    | 45.09%   |      |                                       |
| <u>Coating VOC</u>         | 3.60 lb/gal (431 g/l)                                      |      |                                       |
| <u>Density</u>             | 10.61 lb/gal (1271 g/l)                                    |      |                                       |
| <u>Packaging</u>           | 5 Gallon pails, 1 Gallon cans, and quart (1/4 gallon) cans |      |                                       |
| <u>Physical Properties</u> | <u>Alkalis:</u>  | Poor | <u>Acids:</u> Fair <u>Water:</u> Good |

## Clean-up & Storage

|                            |  |               |
|----------------------------|--|---------------|
| <u>Cleanup</u>             | Use Anchor #J1131 synthetic thinner            |               |
| <u>Storage Temperature</u> | Minimum 20°F                                   | Maximum 110°F |
| <u>Shelf Life</u>          | Under Normal Conditions (Unopened) – Two Years |               |

## Safety & Important Information

**DANGER!** COMBUSTIBLE AND VAPOR. HARMFUL IF INHALED. CONTAINS: MINERAL SPIRITS. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. Harmful if swallowed. **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 may be harmful or fatal.

Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator 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 National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). **WARNING!** Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

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