



Technical Data

PRODUCT DESCRIPTION

A 2-component self-etching zinc chromate pigmented vinyl wash primer made especially for difficult to adhere to non-ferrous metals like aluminum, copper, and unstabilized galvanized steel. Spray applied in thin coats of 0.1 - 0.3 dry mils, the primer bonds chemically with the substrate and presents an excellent base for subsequent primers and topcoats.

FEATURES

- Outstanding adhesion
- Fast drying
- Fast recoat
- Lead free

PRODUCT DATA

| Description | Results |
|--------------------------------|------------------------|
| Vehicle Type | Vinyl Butyral |
| Colors | 942 Yellow |
| Gloss | 2 - 10 on 60° meter |
| V.O.C. (mixed) | 769 g/l (6.41 lbs/gal) |
| Weight/Gallon (mixed) | 7.12 pounds |
| Solids by Weight (mixed) | 8.8% |
| Solids by Volume (mixed) | 4.6% |
| Viscosity (mixed) | 21" / Zahn 2 |
| Flash Point | 41°F |
| Dry Heat Resistance | 200°F |
| Freight Classification | Paint, Flammable |
| Packaging | 1 Gallon |

APPLICATION DATA

| Description | Results |
|-----------------------------|----------------------------|
| Application | Spray |
| Mix Ratio | 1:1 |
| Catalyst | 188 |
| Recommended Thickness | 0.1 - 0.3 mils DFT |
| Dry Time @ 77° F, 50% RH | |
| To Touch | 5 minutes |
| To Handle | 5 minutes |
| To Recoat | 10 minutes |
| Pot Life | 8 hours |
| Coverage | 148 sf/gal at 0.5 mils DFT |
| Thinner | Denatured Alcohol up to 5% |
| Clean Up | Denatured Alcohol |

EQUIPMENT RECOMMENDATIONS

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

SPRAY APPLICATION (General): The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco.

AIR ATOMIZED SPRAY:

| | Model | Air Cap | Fluid Tip | Fluid Delivery | Atomizing Pressure |
|----------|-------------------|---------|-----------|----------------|--------------------|
| Pressure | Binks #18 | 63 pb | 66 | 16 oz/min | 25 - 60 psi |
| Pressure | DeVilbiss MBC-510 | 704 | fx | 16 oz/min | 25 - 60 psi |
| Siphon | Binks #18 | 66 sf | 66 | N/A | 25 - 60 psi |
| Siphon | DeVilbiss MBC-510 | 30 | fx | N/A | 25 - 60 psi |

AIRLESS SPRAY:

| Model | Pump Ratio | Fluid Tip | Fluid Pressure | Filter Mesh |
|---------------|------------|-------------|----------------|-------------|
| Graco Bulldog | 30:1 | .011 - .013 | 1600 - 2000 | 100 |
| Binks B 8D | 35:1 | .011 - .013 | 1600 - 2000 | 100 |

GENERAL SURFACE PREPARATION

All surfaces must be sound, dry, clean and free of oil, dirt, grease, wax, mildew, loose or flaking paint and other surface contaminants. Remove loose, peeling, flaking or scaling paint and rust by scraping, sanding or wire brush or blasting.

DIRECTIONS FOR USE

TINTING: Do not tint.

THINNING: May be reduced up to 5% with denatured alcohol for air spray. For AIM compliance, use as packaged. For airless spray, use as packaged.

APPLICATION: Mix thoroughly before use. Mix 1:1 by volume with 188 catalyst. When applying by spray, see precautions below. Apply only when air and surface temperatures are between 45-100°F and the surface temperature is at least 5°F above the dew point. Note: Topcoat must be applied before exposing primer to weather.

DRYING TIME: Under normal conditions, dries to touch in 5 minutes and to recoat in 10 minutes. Low temperature, high humidity, poor ventilation and thick films will retard drying.

CLEAN UP: Clean up skin, clothing, paint tools or spills immediately with recommended thinner, carefully observing cautions on paint and thinner labels. Dried paint may be removed by scraping.

HEALTH AND SAFETY

Read the Material Safety Data Sheet (MSDS) and container labels for detailed health and safety information. This product is intended for industrial use by properly trained professional applicators only.

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