Benjamin Moore

COROTECH HIGH PERFORMANCE

# ELECTROSTATIC SEMI-GLOSS ENAMEL V260

## Features

- For metal only
- Durable hard finish
- Resists marring and scratching and delivers a lasting finish
- Pre-built and optimized solvent polarity requires no on site adjustments to produce effective electrostatic wrap during application

## General Description

Electrostatic Alkyd Enamel is a quick-dry, rust-preventive paint that is applied only via electrostatic spray, with no need to adjust polarity. This high-performance formula is engineered for use on ferrous and non-ferrous metal in OEM and industrial refurbishing. It is also well suited for application to metal surfaces, such as furniture, lockers, machinery, tools, doors, and pipes. Compatible with most electrostatic spray equipment designed to spray product between 0.1 to 1.0 megaohms (MΩ)

## Recommended For

Properly prepared and/or primed ferrous and non-ferrous metals. Corotech® Electrostatic Alkyd Semi-Gloss Enamel is designed for use in the OEM, and refurbishment market for metal furniture, lockers, equipment, machinery, tools, doors, pipes and other fabricated pieces.

## Limitations

- Not for use on floors.
- Not for immersion service.
- Do not topcoat with products such as solvent based epoxies or urethanes containing aromatic or oxygenated solvents.
- Do not apply if material, substrate or ambient temperature is below 50 °F. The relative humidity should be below 90%.
- Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.

## Product Information

### Colors — Standard:

Tintable White (86)

### — Tint Bases:

Tintable White (86), Deep Base (87), Clear Base (88)

Tint with Industrial (844 Type) Colorants Only

### — Special Colors:

Contact your retailer.

### Certification & Qualifications:

The products supported by this data sheet contain a maximum of 400 grams per liter VOC / VOS (3.34 lbs. /gal.) excluding water & exempt solvents.

Suitable for use in USDA inspected facilities

| VOC REGION | COMPLIANT |
|---|---|
| FEDERAL | YES |
| OTC | YES |
| OTCII | NO |
| CARB | YES |
| CARB07 | NO |
| UTAH | NO |
| AZMC | YES |
| SCAQMD | NO |

### Technical Assistance

Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit www.benjaminmoore.com

| Technical Data◊ | | Tintable White |
|---|---|---|
| Vehicle Type | | Chain Stop Alkyd |
| Pigment Type | | Titanium Dioxide |
| Volume Solids | | 46 ± 1.0% |
| Coverage per Gallon at Recommended Film Thickness | | 350 – 450 Sq. Ft. |
| Recommended Film Thickness | – Wet | 3.5 – 4.6 mils |
| | – Dry | 1.6 – 2.1 mils |
| Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint. | | |
| Dry Time @ 77 °F (25 °C) @ 50% RH | – Tack Free | 20 Minutes |
| | – To Recoat* | 1 Hour |
| | – Full Cure | 7 – 10 Days |
| ***Maximum Recoat: Unlimited** | | |
| High humidity and cool temperatures will result in longer dry, recoat and service times. | | |
| Dries By | | Oxidation |
| Viscosity | | 55 – 60 KU |
| Flash Point | | 80 °F (TT-P-141, Method 4293) |
| Gloss/Sheen | | Semi-Gloss (45 – 55 @ 60°) |
| Surface Temperature at Application | – Min. | 50 °F |
| | – Max. | 100 °F |
| Thin With | | Do Not Thin |
| Clean Up Thinner | | Corotech® V703 or Xylene |
| Weight Per Gallon | | 11.6 lbs. |
| Storage Temperature | – Min. | 45 °F |
| | – Max. | 95 °F |

**Volatile Organic Compounds (VOC)**

388 Grams/Liter 3.24 Lbs./Gallon

◊ Reported values are for Tintable White. Contact retailer for values of other bases or colors.

## Surface Preparation

The performance of this product is directly dependent upon the degree of surface preparation employed. All dirt, oils and accumulated salts must be removed prior to employing specific surface preparation methods.

**Ferrous Metal:** All rust and mill scale should be removed prior to application of this product. This is best accomplished by abrasive blasting. A minimum of SSPC-SP 6 Commercial Blast is recommended for severe environmental exposures. For mild conditions or small areas, the surface may be cleaned in accordance with SSPC-SP 2 Hand Tool Cleaning or SSPC-SP 3 Power Tool Cleaning or SSPC-SP 11 Power Tool Cleaning to Bare Metal. It is recommended that the prepared ferrous metal be primed for best corrosion resistance. Prime with V140 Alkyd Metal Primer or V131/V132 Universal Metal Primer.

**Non-Ferrous Metals:** Clean in accordance with SSPC-SP 1. Abrasive blasting in accordance with SSPCSP 6 Commercial Blast Cleaning may be required to provide sufficient surface profile. The use of a primer on non-ferrous metals will be required. Prime with V110 Acrylic Metal Primer or V175 Waterborne Bonding Primer.

**Previously Painted Surfaces:** Clean thoroughly with V600 Oil & Grease Emulsifier. Dull glossy surfaces by lightly sanding. Remove sanding dust. Remove loose paint and rust. Prime any exposed bare metal.

**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 Informational Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead .

## Application

Mix the product thoroughly before application. The use of a drill mixer at low speed will best accomplish this.

**Spray application only is recommended for this product.**

This product is compatible with most electrostatic spray equipment designed to spray product between 0.1 to 1.0 megaohms. Pot pressure should be 5 to 25 psi, depending on desired finish.

**NOTE:** Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner. No reduction is necessary. Do not apply if material, substrate or ambient temperature is below 50°F (10°C). Relative humidity should be below 90%. Do not apply if within 5 degrees of dew point or if rain is expected within 12 hours of application.

For added gloss and hardness, Corotech® V705-90 Gloss & Hardness Catalyst can be added to the V260 at a rate of 1 pint per gallon of V260.

| TEST DATA | |
|---|---|
| **Flexibility (ASTM D1737)** | Pass ¼" mandrel |
| **Dry Heat Resistance** | 300° F |
| **Wet Heat Resistance** | 150 °F |
| **Adhesion (ASTM D3359)** | Pass 5B |
| **Salt Fog Resistance (ASTM B117) Two coats over V140 Line Primer** | 500 Hours-Pass (Rating 10: Rust area: 0.00%) |
| **Accelerated Weather (ASTM G53)** | 75% Retention after 500 Hrs |
| **Abrasion Resistance (ASTM D4060)-CS10 Wheel** | 120mg loss after 1000 cycles |
| **CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)** | |
| **Fresh Water** | Excellent |
| **Salt Water** | Excellent |
| **Acids** | Good |
| **Alkalis** | Good |
| **Solvents** | Fair |
| **Fuel** | Fair |
| **Acidic Salt Solutions** | Good |
| **Alkaline Salt Solutions** | Good |
| **Neutral Salt Solutions** | Good |

| SYSTEMS RECOMMENDATIONS |
|---|
| **COMPATIBLE PRIMERS** |
| V110 Line, V1140 Line, V130 Line, V132 Line, V133 Line, V140 Line, V142 Line, V155, V150 Line, V160 Line, V163, V175, V180 and Other, Acrylic and Alkyd Primers |

## Clean Up

Clean with Corotech® V703 Xylene.

## Environmental Health & Safety Information

**DANGER!**

**May cause an allergic skin reaction**

**May cause genetic defects**

**May cause cancer**

**Highly flammable liquid and vapor**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid breathing dust /fume /mist /vapors /spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Keep away from heat /sparks /open flames /hot surfaces, no smoking. Keep container tightly closed. Ground /bond container and receiving equipment. Use explosion-proof electrical /ventilating /lighting /equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

**Response:** If exposed or concerned, get medical attention. If skin irritation or rash occurs, get medical attention. Wash contaminated clothing before reuse. If on skin (or hair), take off immediately all contaminated clothing. Rinse skin with water. In case of fire, use CO2, dry chemical, or foam for extinction.

**Storage:** Store locked up. Store in a well-ventilated place. Keep cool.

**Disposal:** Dispose of contents /container to an approved waste disposal plant.

**DANGER –** Rags, steel wool or waste soaked with the product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

**WARNING** Cancer and Reproductive Harm– www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

**KEEP OUT OF REACH OF CHILDREN**
**FOR METAL SUBSTRATE ONLY**

**Refer to Safety Data Sheet for additional health and safety information.**