ALKYD URETHANE ENAMEL GLOSS
CV200-78 ALUMINUM

Features
- Urethane modification for maximum durability
- Easy application
- Hard, scratch- and impact-resistant coating
- For use on all surfaces

General Description
CV200 is a heavy-duty alkyd enamel intended for use on a wide variety of surfaces, both interior and exterior. The surface-tolerant formula sticks to surfaces that may be marginally prepared, and the exceptional flow and leveling provides a smooth, uniform finish. Made with our toughest alkyd resin, this paint stands up to mechanical and human abuse, while the urethane fortification adds gloss and color retention in exterior spaces exposed to sunlight and rain.

Recommended For
Corotech® Alkyd Urethane Enamel Gloss is intended for use as an interior and exterior coating on a wide variety of surfaces, such as previously painted surfaces, ferrous metal, wood, and drywall. It is most commonly used in industrial or professional applications. This product is not recommended for direct application to non-ferrous metals such as galvanized metal or aluminum unless primed with V110 Acrylic Metal Primer.

Limitations
- 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.
- Not for immersion service.
- DO NOT topcoat with products such as epoxies or urethanes containing aromatic or oxygenated solvents.

Product Information
Colors — Standard:
Aluminum (78)

— Tint Bases:
N/A
Do Not Tint

— Special Colors:
N/A

Technical Data

Vehicle Type
Modified Alkyd

Pigment Type
Titanium Oxide

Volume Solids
43 ± 1.0%

Coverage per Gallon at
Recommended Film Thickness
400 – 450 Sq. Ft.

Recommended Film
Thickness
– Wet 3.6 – 4.0 mils
– Dry 1.5 – 1.7 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
(T25 °C) @ 50% RH
– Tack Free 4 Hours
– To Recoat 12 Hours
– Full Cure 4 – 6 Days

High humidity and cool temperatures will result in longer dry, recoat and service times.

Dries By
Oxidation

Viscosity
80 – 85 KU

Flash Point
104 °F

(Gloss (80+ units @ 60°)

Gloss/Sheen

Surface Temperature at Application
– Min. 50 °F
– Max. 90 °F

Thin With
Do Not Thin

Clean Up Thinner
V701 Brushing Reducer or Mineral Spirits

Weight Per Gallon
9.8 Lbs.

Storage Temperature
– Min. 45 °F
– Max. 95 °F

Volatile Organic Compounds (VOC)

438 Grams/Liter
3.7 Lbs./Gallon

Certifications & Qualifications:
The products supported by this data sheet contain a maximum of 450 grams per liter VOC / VOS (3.7 lbs./gal.) excluding water & exempt solvents.
Master Painters Institute MPI # 1
Meets the performance requirements for SSPC #101 & #108
Suitable for use in USDA inspected facilities

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

◊ Reported values are for Aluminum.
Surface Preparation

The performance of this product is directly dependent upon the degree of surface preparation employed. All Grease Oil, Dirt, Mildew, or any other surface contaminants must be removed using Corotech V600 Oil & Grease Emulsifier.

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. Small areas 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.

Non-Ferrous Metals: Solvent Clean or use Corotech® V600 Oil & Grease Emulsifier in accordance with SSPC-SP1. The use of an Acrylic or Phenolic Alkyd primer on non-ferrous metals is recommended.

Concrete: Form release agents and curing compounds must be removed prior to coating. The concrete to be coated must be opened to coarse masonry should be primed with appropriate block filler.

Plaster and Dry Wall: Prime new drywall and cured plaster with a quality acrylic primer. Apply one or two finish coats as needed.

Wood Surfaces: Prime bare spots and new wood with a quality acrylic primer. Apply one or two finish coats as needed.

For use on substrates other than specified above, please contact our Technical Service Department.

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 calling the National Lead Information Hotline at 1-800-424-6042 or log on to www.epa.gov/lead.

TEST DATA

<table>
<thead>
<tr>
<th>TEST</th>
<th>DATA</th>
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</thead>
<tbody>
<tr>
<td>Flexibility (ASTM D1737)</td>
<td>Pass 1/4” (6.35 mm)</td>
</tr>
<tr>
<td>Dry Heat Resistance</td>
<td>275 °F (135 °C)</td>
</tr>
<tr>
<td>Wet Heat Resistance</td>
<td>150 °F (65.5 °C)</td>
</tr>
<tr>
<td>Adhesion (ASTM D3359)</td>
<td>Pass SB</td>
</tr>
<tr>
<td>Salt Fog Resistance (ASTM B117)</td>
<td>500 Hours-Pass (Rating 10, Rust Area 0.00%)</td>
</tr>
<tr>
<td>Accelerated Weather (ASTM G53)</td>
<td>70% Retention after 500 Hrs.</td>
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<tr>
<td>Abrasion Resistance (ASTM D4060)-C510 Wheel</td>
<td>120mg loss after 1000 cycles</td>
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CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Resistance</th>
</tr>
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<tbody>
<tr>
<td>Fresh Water</td>
<td>Excellent</td>
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<tr>
<td>Salt Water</td>
<td>Good</td>
</tr>
<tr>
<td>Acids</td>
<td>Fair</td>
</tr>
<tr>
<td>Alkalis</td>
<td>Fair</td>
</tr>
<tr>
<td>Solvents</td>
<td>Fair</td>
</tr>
<tr>
<td>Fuel</td>
<td>Fair</td>
</tr>
<tr>
<td>Acidic Salt Solutions</td>
<td>Good</td>
</tr>
<tr>
<td>Alkaline Salt Solutions</td>
<td>Good</td>
</tr>
<tr>
<td>Neutral Salt Solutions</td>
<td>Good</td>
</tr>
</tbody>
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SYSTEMS RECOMMENDATIONS

COMPATIBLE PRIMERS


Application

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

Airless Spray: Tip range between .013 and .017. Total fluid output pressure at tip should not be less than 2200 psi.

Air Spray (Pressure Pot): DeVilbiss MBC or JGA gun, with 704 or 765 air cap and Fluid Tip E.

Brush / Roller: Can be brushed using a natural bristle brush or rolled using a 3/8” lambs wool or 1/4” - 1/2” synthetic roller cover. Roll in one direction, rewet, then cross roll.

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.

Clean Up

Clean with V701 Brushing Reducer or Mineral Spirits.

Environmental Health & Safety Information

DANGER!

- Harmful if inhaled
- Causes skin irritation
- Causes serious eye irritation
- May cause an allergic skin reaction
- Suspected of causing cancer
- May damage fertility or the unborn child
- May cause drowsiness or dizziness
- Causes damage to organs through prolonged or repeated exposure
- May be fatal if swallowed and enters airways
- 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. Use only outdoors or in a well-ventilated area. Wash hands, face and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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. Keep cool. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. In case of fire: Use CO₂, dry chemical, or foam for extinction.

Prevention:

- Store lock up. Store in a well-ventilated area. Keep cool.
- Disposal: Dispose of contents/container to an approved waste disposal plant.

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.


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 PROFESSIONAL USE ONLY

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