ALKYD URETHANE ENAMEL
GLOSS CV200

Features
• Urethane modification for maximum durability
• Easy application
• For use on most surfaces
• Hard, scratch- and impact-resistant coating
• High-solids formula

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 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.

Certifications & Qualifications:
The products supported by this data sheet contain a maximum of 250 grams per liter VOC / VOS (2.09 lbs./gal.) excluding water & exempt solvents.
Suitable for use in USDA inspected facilities

General Description
CV200 product is a heavy-duty alkyd enamel intended for use on a wide variety of surfaces, both interior and exterior. The surfacetolerant 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.

Limitations
• Do not apply if material, substrate or ambient temperature is below 45 °F (10 °C). Relative humidity should be below 90%.
• Do not apply directly to galvanized metal.
• Not for immersion service.
• DO NOT topcoat with products such as epoxies or urethanes containing aromatic or oxygenated solvents.

Colors — Standard:
White (01), Safety Yellow (10), Safety Red (20), Safety Blue (30), Safety Green (40), Bronzetone – satin finish (62), Silver Gray (70), Battleship Gray (75), Black (80), Wrought Iron Black – flat finish (81)

— Tint Bases:
Pastel Base (85), Tint Base (86), Deep Base (87), Clear Base (88).
Contact your retailer.

— Special Colors:
Safety Blue (30), Safety Green — only
Safety Yellow (10), Safety Red (20),— only
Tint with Universal Colorants Only

Technical Data
Vehicle Type
Urethane Modified Alkyd

White

Technical Data

<table>
<thead>
<tr>
<th>Pigment Type</th>
<th>Titanium Oxide</th>
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</table>

Volume Solids
62.2 \pm 1.0\%

Coverage per Gallon at Recommended Film Thickness
450 – 525 Sq. Ft.

Recommended Film Thickness
– Wet 3.1 – 3.4 mils
– Dry 1.9 – 2.1 mils

Dries By
Oxidation

Viscosity
80 – 85 KU

Flash Point
79 °F (TT-P-141, Method 4293)

Gloss/Sheen
Wrought Iron Black - Flat (0-5 @ 60°)

Surface Temperature
– Min. 45 °F at Application
– Max. 100 °F

Thin With
Do Not Thin

Clean Up Thinner
V701 Brushing Reducer or Mineral Spirits

Weight Per Gallon
10.5 Lbs.

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

Volatile Organic Compounds (VOC)
245 Grams/Liter 2.04 Lbs./Gallon

© Reported values are for White. Contact retailer for values of the bases or colors.
Alkyd Urethane Gloss CV200

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 enable coating penetration; this may be accomplished by acid washing or abrasive blasting. 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. 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. SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.

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TEST DATA

<table>
<thead>
<tr>
<th>TEST</th>
<th>REQUIREMENTS</th>
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</thead>
<tbody>
<tr>
<td>Flexibility (ASTM D1737)</td>
<td>Pass 1/4&quot; (6.35 mm) Mandrel</td>
</tr>
<tr>
<td>Dry Heat Resistance</td>
<td>275 °F (135 °C)</td>
</tr>
<tr>
<td>Wet Heat Resistance</td>
<td>150 °F (65.56 °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>
</tr>
<tr>
<td>Abrasion Resistance (ASTM D4060)-CS10 Wheel</td>
<td>120mg loss after 1000 cycles</td>
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</tbody>
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CHEMICAL RESISTANCE GUIDE (NON-IMMERSION)

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>RESISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh Water</td>
<td>Excellent</td>
</tr>
<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>
</table>

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): DeVilbis 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" lamb's 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!

May cause an allergic skin reaction

Suspected of causing cancer

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. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. Do not breathe dust/tune/mist/vapors/spray. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. 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 clothing before reuse. If on skin (or hair) take off immediately. Wash hair thoroughly with soap and water. If swallowed immediately call a POISON CENTER or physician. Do NOT induce vomiting. 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 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.

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 PROFESSIONAL USE ONLY

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

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