



# SUPER SPEC<sup>®</sup>

## ALKYD SEMI-GLOSS ENAMEL

### C271

#### Features

- Superb hiding
- Superb leveling qualities
- Excellent sag resistance
- Adheres to sharp edges and corners
- Excellent durability
- Washable
- Uniform semi-gloss finish

#### Recommended For

- For commercial and residential applications
- For primed or previously painted wood, wallboard, plaster, metal and masonry. Ideal for new and previously painted trim, doors, walls, ceilings, and furniture.

#### General Description

A superior quality, interior alkyd enamel coating that dries to a hard, semi-gloss finish.

#### Limitations

- Do not apply when air and surface temperatures are below 50 °F (10 °C).

#### Product Information

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<p><b>Colors — Standard:</b> White (01)</p> <hr/> <p><b>— Tint Bases:</b> Benjamin Moore<sup>®</sup> Color Preview<sup>®</sup> Bases 1B, 2B, 3B, &amp; 4B.</p> <hr/> <p><b>— Special Colors:</b> Contact your Benjamin Moore representative.</p> <hr/> <p><b>Certifications &amp; Qualifications:</b> <b>VOC compliant in federally regulated areas only</b></p> <p>Master Painters Institute MPI # 47 Class A (0-25) over non-combustible surfaces when tested in accordance with ASTM E-84</p> <hr/> <p><b>Technical Assistance</b> Available through your local authorized independent Benjamin Moore retailer. For the location of the retailer nearest you, call 1-866-708-9180 or visit <a href="http://www.benjaminmoore.com">www.benjaminmoore.com</a></p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data<sup>◇</sup></th> <th>Pastel Base</th> </tr> </thead> <tbody> <tr> <td colspan="2">Vehicle Type</td> <td>Alkyd</td> </tr> <tr> <td colspan="2">Pigment Type</td> <td>Titanium Dioxide</td> </tr> <tr> <td colspan="2">Volume Solids</td> <td>51%</td> </tr> <tr> <td colspan="2">Coverage per Gallon at</td> <td>450 – 500 Sq. Ft.</td> </tr> <tr> <td colspan="2">Recommended Film Thickness</td> <td>(41.8 – 46.5 sq. m.)</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>3.2 – 3.6 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>1.6 – 1.8 mils</td> </tr> <tr> <td colspan="3">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.</td> </tr> <tr> <td>Dry Time @ 77 °F (25 °C) @ 50% RH</td> <td>– To Touch</td> <td>4 - 6 Hours</td> </tr> <tr> <td></td> <td>– To Recoat</td> <td>16 Hours</td> </tr> <tr> <td colspan="3">Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.</td> </tr> <tr> <td colspan="2">Dries By</td> <td>Evaporation, Oxidation</td> </tr> <tr> <td colspan="2">Viscosity</td> <td>93 ± 3 KU</td> </tr> <tr> <td colspan="2">Flash Point</td> <td>Combustible</td> </tr> <tr> <td colspan="2">Gloss / Sheen</td> <td>Semi-Gloss</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>50 °F (10 °C)</td> </tr> <tr> <td></td> <td>– Max</td> <td>90 °F (32.2 °C)</td> </tr> <tr> <td colspan="2">Thin With</td> <td>Do Not Thin</td> </tr> <tr> <td colspan="2">Clean Up Thinner</td> <td>Mineral Spirits</td> </tr> <tr> <td colspan="2">Weight Per Gallon</td> <td>10.7 lbs (4.8 Kg)</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>40 °F (4.4 °C)</td> </tr> <tr> <td></td> <td>– Max</td> <td>90 °F (32.2 °C)</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>Volatile Organic Compounds (VOC)</b></td> </tr> <tr> <td>372 Grams/Liter</td> <td>3.1 Lbs./Gallon</td> <td></td> </tr> </tbody> </table>	Technical Data <sup>◇</sup>		Pastel Base	Vehicle Type		Alkyd	Pigment Type		Titanium Dioxide	Volume Solids		51%	Coverage per Gallon at		450 – 500 Sq. Ft.	Recommended Film Thickness		(41.8 – 46.5 sq. m.)	Recommended Film Thickness	– Wet	3.2 – 3.6 mils		– Dry	1.6 – 1.8 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	– To Touch	4 - 6 Hours		– To Recoat	16 Hours	Painted surfaces can be washed after two weeks. High humidity and cool temperatures will result in longer dry, recoat and service times.			Dries By		Evaporation, Oxidation	Viscosity		93 ± 3 KU	Flash Point		Combustible	Gloss / Sheen		Semi-Gloss	Surface Temperature at Application	– Min.	50 °F (10 °C)		– Max	90 °F (32.2 °C)	Thin With		Do Not Thin	Clean Up Thinner		Mineral Spirits	Weight Per Gallon		10.7 lbs (4.8 Kg)	Storage Temperature	– Min.	40 °F (4.4 °C)		– Max	90 °F (32.2 °C)	<b>Volatile Organic Compounds (VOC)</b>			372 Grams/Liter	3.1 Lbs./Gallon	
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## Super Spec® Alkyd Semi-Gloss Enamel C271

### Surface Preparation

Surfaces to be painted must be clean, dry, and free of dirt, dust, grease, oil, soap, wax, scaling paint, water soluble materials, and mildew. Remove any peeling or scaling paint and sand these areas to feather edges smooth with adjacent surfaces. Glossy areas should be dulled. Drywall surfaces must be free of sanding dust.

New plaster or masonry surfaces must be allowed to cure 30 days before applying base coat. Cured plaster should be hard, have a slight sheen and maximum PH of 10; soft, porous or powdery plaster indicates improper cure. Never sand a plaster surface; knife off any protrusions and prime plaster before and after applying patching compound. Poured or pre-cast concrete with a very smooth surface should be etched or abraded to promote adhesion, after removing all form release agents and curing compounds. Remove any powder or loose particles before priming. Wood substrates must be thoroughly dry.

**Difficult Substrates:** Benjamin Moore offers a variety of specialty primers for use over difficult substrates such as bleeding woods, grease stains, crayon markings, hard glossy surfaces, galvanized metal or other substrates where paint adhesion or stain suppression is a particular problem. Your Benjamin Moore® retailer can recommend the right problem-solving primer for your special needs.

**Note:** All alkyd-based enamels experience a certain amount of yellowing. This effect is accelerated in dark or poorly ventilated areas. In these problem areas, the use of Benjamin Moore® acrylic enamel is recommended.

**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. Carefully clean up 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)

### Primer/Finish Systems

New surfaces should be fully primed, and previously painted surfaces may be primed or spot primed as necessary. For best hiding results, tint the primer to the approximate shade of the finish coat, especially when a significant color change is desired. **Special Note:** Certain custom colors require a Deep Color Base Primer tinted to a special prescription formula to achieve the desired color. Consult your retailer.

#### Wood and Engineered Wood Products:

**Primer:** Super Spec® Interior Alkyd Enamel Undercoater & Primer Sealer (C245)

**Finish:** 1 or 2 coats Super Spec® Alkyd Semi-Gloss Enamel (C271)

#### Drywall:

**Primer:** Super Spec® Interior Latex Enamel Undercoater & Primer Sealer (253)

**Finish:** 1 or 2 coats Super Spec® Alkyd Semi-Gloss Enamel (C271)

#### Plaster:

**Primer:** Fresh Start® Multi-Purpose Latex Primer (N023) or Fresh Start® High-Hiding All Purpose Primer (046)

**Finish:** 1 or 2 coats Super Spec® Alkyd Semi-Gloss Enamel (C271)

#### Masonry; Rough or Pitted:

**Primer:** Ultra Spec® Masonry Interior/Exterior Hi-Build Block Filler (571)

**Finish:** 1 or 2 coats Super Spec® Alkyd Semi-Gloss Enamel (C271)

#### Masonry; Smooth Poured or Pre-cast Concrete:

**Primer:** Ultra Spec® Masonry Interior / Exterior 100% Acrylic Masonry Sealer (608) or Fresh Start® Multi-Purpose Latex Primer (N023)

**Finish:** 1 or 2 coats Super Spec® Alkyd Semi-Gloss Enamel (C271)

#### Ferrous Metal:

**Primer:** Ultra Spec® HP Acrylic Metal Primer (HP04) or Super Spec HP® Alkyd Metal Primer (P06)

**Finish:** 1 or 2 coats Super Spec® Alkyd Semi-Gloss Enamel (C271)

#### Galvanized Metal:

All new metal surfaces must be thoroughly cleaned with Corotech® Oil & Grease Emulsifier (V600) to remove contaminants. New shiny non-ferrous metal surfaces that will be subject to abrasion should be dulled with very fine sandpaper or a synthetic steel wool pad to promote adhesion

**Primer:** Ultra Spec® HP Acrylic Metal Primer (HP04)

**Finish:** 1 or 2 coats Super Spec® Alkyd Semi-Gloss Enamel (C271)

**Repaint, All Substrates:** Prime bare areas with the primer recommended for the substrate above.

### Application

Stir thoroughly before and occasionally during use. Apply one or two coats. For best results, use a Benjamin Moore® Professional custom-blended china bristle or nylon polyester brush, Benjamin Moore® Professional roller, or similar products. This product can also be sprayed.

If a second coat is required, allow 16 hours to dry, lightly sanding between coats. Under normal drying conditions, Super Spec® Alkyd Semi-Gloss Enamel (C271) reaches its final semi-gloss finish in 3-4 weeks.

**Spray, Airless:** Fluid Pressure — 1,500 - 2,500 PSI;  
Tip — .011 - .015 Orifice.

### Thinning/Clean Up

**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.

USE COMPLETELY OR DISPOSE OF PROPERLY.

This product contains organic solvents which may cause adverse effects to the environment if handled improperly. Emptied containers may retain product residue. Follow label warnings even after container is emptied. Residual vapors may explode on ignition.

Disposal of wastes containing either organic solvents or free-liquids in landfills is prohibited. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency for local disposal options.**

### Environmental, Health & Safety Information

**DANGER!** COMBUSTIBLE LIQUID AND VAPOR. VAPOR HARMFUL.

**Contains: Petroleum Distillates and Methyl Ethyl Ketoxime**

HARMFUL OR FATAL IF SWALLOWED. ASPIRATION HAZARD. CAUSES IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT. MAY CAUSE ALLERGIC SKIN REACTION.

**NOTICE:** Repeated or prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling vapors may be harmful or fatal.

Keep away from heat and flame. **Use only with adequate ventilation.** Do not breathe vapors, spray mist or sanding dust. Avoid contact with eyes and prolonged or repeated contact with skin. To avoid breathing vapors or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels are above the applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Aspiration Hazard. Small amounts aspirated into the respiratory system may cause mild to severe pulmonary injury. Close container after each use. Wash thoroughly after handling.



**WARNING** Cancer and Reproductive Harm—  
[www.P65warnings.ca.gov](http://www.P65warnings.ca.gov)

**FIRST AID:** If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If swallowed, do not induce vomiting. Get medical attention immediately.

**IN CASE OF FIRE** – Use foam, CO<sub>2</sub>, dry chemical or water fog.

**IN CASE OF SPILL** – Absorb with inert material and dispose of as specified under “Clean Up”.

**KEEP OUT OF REACH OF CHILDREN**  
**Refer to Safety Data Sheet for**  
**additional health and safety information.**