

Technical Data Sheet

PRODUCT DESCRIPTION:

Achieve superior protection and a flawless finish with Van Sickle Sandable Acrylic Lacquer Primer. Specially designed to resist rust, corrosion, and stains, this primer delivers excellent build for quick filling without shrinkage when used as directed. Its unique formula allows for easy sanding, wet or dry, to create a smooth, fine featheredge while providing high hiding and promoting excellent color uniformity of the finish coat.

TYPICAL USES:

Projects with metal surfaces requiring multiple cycles of priming, sanding, and re-priming to correct surface imperfections.

SURFACE PREPARATION:

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Existing coatings must be tightly adhered or removed prior to painting. Glossy existing paint surfaces must be sanded or treated with a de-glossing solution. Power or hand washing is recommended to remove contamination. If oil or grease is present, use of a cleaner/degreaser is required. Remove all loose coatings, rust, or corrosion by scraping, sanding, or other abrading method. If abrasive blasting, use the proper abrasive to achieve a 1.5 to 2.0 mil profile. Blasted surfaces must be primed before flash rusting occurs. All residue must be completely rinsed from the surface. Allow the surface to dry before coating. **Do not apply to bare galvanized or aluminum surfaces.**

APPLICATION:

Stir material thoroughly prior to application. Do not add hardener. Sanding between coats is not required. Ensure surface is clean and free of any dust or other contaminants before applying second coat of primer.

Airless Spray: Equipment must be clean prior to start. Flush airless lines with lacquer thinner. Apply a wet coat in even, parallel passes with 50% overlap to avoid bare areas and pinholes. If required, crosshatch spray at right angles. Airless tip sizes of 0.015 to 0.019 are recommended. Allow the product to dry between coats.

Air Spray: Equipment must be clean prior to start. Flush fluid lines with lacquer thinner. Use a 1.4 to 1.8 fluid needle set. Adjust fluid pot pressure between 7 to 10 psi. Set the atomization pressure to 45 to 55 psi. Using a test piece, start at the lower end of the recommended pressure and increase gradually if needed for proper atomization.

REDUCING:

Sandable Acrylic Lacquer Primer can be thinned with a high-quality lacquer thinner. If needed, up to 1-quart of lacquer thinner can be added to 1-gallon of Sandable Acrylic Lacquer Primer.

PRODUCT CODES & COLORS

Last two digits of product code represent the unit size
Aerosol (70) Quart (74) Gallon (71)

169 Gray

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ENVIRONMENTAL VARIABLES:

Apply only when surface and air temperatures are between 50° and 90°F and at least 5°F above the dew point. Avoid painting in direct sunlight or late in the day when dew is likely to form. The minimums must be maintained for at least 8 hours in order to achieve proper film formation.

DRY TIMES:

Dry times are affected by temperature, humidity, and film thickness. At 77°F and 50% relative humidity, Sandable Acrylic Lacquer Primer, if applied at the recommended film thickness, can be recoated in 15 to 30 minutes and sanded in 1 hour.

COVERAGE RATES:

The recommended dry film thickness per coat is 2.0 to 3.0 mils. To achieve the recommended dry film thickness, apply the coating at a wet film thickness of 6.0 to 9.0 mils per coat. The coverage rate at the recommended dry film thickness is 190 to 290 square feet per gallon. Coverage rates are estimates based on the product's volume solids and make no allowance for material loss during application. Actual spread rates may vary dependent on applicator experience, coating reduction, and surface porosity and texture.

CLEAN-UP:

Use lacquer thinner to clean all tools and equipment immediately after use.

CAUTIONS:

For exterior use only.
Do not take internally.
Use with adequate ventilation.

KEEP OUT OF REACH OF CHILDREN.

****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 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.***

For additional Product Information or Safety Data Sheets, please call 800-677-2468, 8:00-5:00 CST Mon.-Fri.

LIMITED WARRANTY

The technical data and suggestions for use contained in this document are true and correct to the best of our knowledge at the date of issuance. The statements of this document do not constitute a warranty, expressed or implied, as to the performance of these products. Since Van Sickle Paint does not control the application of its products, or the condition of the surfaces to which they are applied, Van Sickle Paint's liability will under no circumstances exceed replacement of the product.

PHYSICAL PROPERTIES

Product Number	169
General Type	Acrylic Lacquer
Color	Gray
Solids by Weight	57%
Solids by Volume	36%
Viscosity at 78°F	22"-28" #2 Zahn Cup
Weight per Gallon	10.1 – 10.2 lbs.
VOC	<575 g/L

APPLICATION INFORMATION

Practical Coverage at Recommended DFT	190 to 290 sq ft/gal
Recommended DFT	2.0 to 3.0 mils
Recommended Air Temperature at Application	Between 50° and 90°F and 50% R.H.
Dry to Touch/Recoat at 77°F and 50% R.H.	15 to 30 minutes
Dry to Sand at 77°F and 50% R.H.	1 Hour
Recommended Airless Spray Tip Size	0.015 to 0.019
Thinning for Spray Application	Up to 1-Quart of Lacquer Thinner to 1-Gallon of Primer