Tractor & Equipment Enamel

Satin Aluminum

Technical Data Sheet

PRODUCT DESCRIPTION:
Van Sickle Tractor & Equipment Aluminum Enamel provides a tough, durable, satin finish, perfect for restoring and protecting tractors, farm equipment, lawn mowers, vehicles, and more. Designed for easy application, this enamel ensures excellent adhesion, resists chipping, and shields against adverse weather conditions. The aluminum color is meticulously crafted to deliver a timeless metallic finish.

TYPICAL USES:
An aluminum enamel topcoat, ideal for restoring and protecting farm equipment, machinery, and vehicles, providing a tough, durable finish.

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. Bare surfaces must be properly prepared. 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. **When your painting needs require more than one container of the same color, be sure to intermix for color uniformity.**

Brush or Roller: 2 coats may be required to achieve proper dry film thickness when applying by brush or roller. Apply product in full even coats. Maintain a wet edge. Allow the product to dry between coats. A good quality natural bristle brush will make application easier. Select a roller cover suited for the texture of the surface to be coated.

Airless Spray: Equipment must be clean prior to start. Flush airless lines with xylene. 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 0.013 to 0.015 are recommended. Allow the product to dry between coats.

Air Spray: Equipment must be clean prior to start. Flush fluid lines with xylene. Use a 1.3 to 1.8 fluid needle set. Adjust fluid pot pressure between 15 to 20 psi. Set the atomization pressure to 20 to 30 psi. Using a test piece, start at the lower end of the recommended pressure and increase gradually if needed for proper atomization.

PRODUCT CODES & COLORS

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

401 Aluminum

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HARDENER:
Van Sickle's Tractor & Equipment Enamel Hardener can be added as an option to enhance hardness and abrasion resistance. For more detailed information, please refer to the Tractor & Equipment Enamel Hardener's label or technical data sheet.

REDUCING:
Van Sickle's Tractor & Equipment Aluminum Enamel can be thinned with mineral spirits. If needed, up to 1 pint of mineral spirits can be added to 1 gallon of Tractor & Equipment Aluminum Enamel.

ENVIRONMENTAL VARIABLES:
Apply only when surface and air temperatures are between 50° and 90°F. Air and surface temperatures must be at least 5°F above the dew point. Avoid painting in direct sunlight or late in the day when dew is likely to form. Cool or humid conditions can greatly increase dry times and potentially interfere with proper film formation. The minimums must be maintained for at least 8 hours in order to achieve proper film formation. Application at elevated temperatures, wind conditions, and/or low humidity may require special application procedures to achieve proper film formation.

DRY TIMES:
Dry times are affected by temperature, humidity, and film thickness. At 77°F and 50% relative humidity, Van Sickle Tractor & Equipment Aluminum Enamel, if applied at the recommended film thickness, will dry to the touch in 4 to 6 hours and can be re-coated in 8 to 12 hours.

COVERAGE RATES:
To achieve the recommended dry film thickness per coat of 1.5 to 2.0 mils, apply the coating at a wet film thickness of 4.0 mils per coat. The coverage rate at the recommended dry film thickness is 300 to 400 square feet per gallon. Coverage rates are estimates and make no allowance for material loss during application. Actual spread rates may vary.

CLEAN-UP:
Clean up all tools and equipment with mineral spirits before paint is allowed to dry.

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

PHYSICAL PROPERTIES	
Product Number	401
General Type	Alkyd
Color	Aluminum
Gloss	85 + @ 60°
Solids by Weight	46%
Solids by Volume	37%
Viscosity at 78°F	80 – 90 KU
Weight per Gallon	8.0 – 10.5 lbs.
VOC	<600 g/L

APPLICATION INFORMATION	
Practical Coverage at Recommended DFT	300 to 400 sq ft/gal
Recommended DFT	1.5 to 2.0 mils
Recommended Air Temperature at Application	Between 50° and 90°F and 50% R.H.
Dry to Touch at 77°F and 50% R.H.	4 to 6 hours
Recoat At 77°F and 50% R.H.	8 to 12 hours
Recommended Airless Spray Tip Size	0.013 to 0.015
Thinning for Spray Application	4 oz. Mineral Spirits or VM&P Naphtha up to 1 Quart of Paint
Thinning for Brush or Roller Application	4 oz. Mineral Spirits up to 1 Quart of Paint

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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.