

# Majic Tractor, Truck, & Implement Enamel Paint Tips

## Surface Preparation:

- All surfaces that are scratched or rusted must be sanded down to bare metal. Use the 80 grit pad on an orbital sander.
- For areas that do not need to be taken down to bare metal, rough up the surface with 350 grit paper or coarse steel wool.
- Bare metal will “flash rust” in less than 3 days if not covered with paint or primer. Any moisture from morning dew or rain will cause the bare metal to rust in a matter of minutes. Once sanding is started, the surface needs to be primed.

## Primer:

- All areas that have been sanded to bare metal, need at least 2 light coats of primer.
- Let each coat of primer dry 24 hours. Sand the entire body with 350 grit sandpaper and a sanding block before applying the topcoat.
- Primed finish should be completely smooth. If you can feel bumps or scratches, they will show when painted. Use additional coats of primer and sand to smooth out any of these problem areas.
- Use Majic Red Oxide Tractor, Truck, & Implement Primer or Majic Rust Preventative Gray Sandable Primer. Thin with Majic Reducer to spray up to 1-pint per gallon (8:1). Use only enough Reducer to get the product through the spray gun. Using too much Reducer will slow the dry time.
- Use a cup gun to spray. The tip size should be 0.013-0.017” with a recommended gun pressure of 30-50 psi. If you want to use a HVLP sprayer, the recommended tip size is 1.4 millimeters with a pressure of 1200-1400 psi. Make sure the filters for the spray gun are clean. When finished clean the spray gun with mineral spirits, naphtha, acetone, or Majic reducer.
- Do not use the Catalyst/Hardener in the primer.

## Topcoat:

- Use Majic Tractor, Truck, & Implement Enamel.
- Add 1/2 pint of Majic Catalyst Hardener to each gallon of paint (16:1). Mix thoroughly. Allow it to sit approximately 20 minutes before using. The hardener will have a pot life of about 8 hours. As a result, only add hardener to the amount of paint that you anticipate using within the 8 hours. If you need to extend the life of the paint with the hardener you can put it in a refrigerator for up to 8 hours. Let the paint come to room temperature before using it. Using Majic Catalyst Hardener will improve the mar resistance, reduce the dry time, and slightly increase the gloss. Because it does increase the gloss, using the Hardener in the Flat Black will add a sheen to the finish. Any unused Catalyst Hardener will last up to a year. Make sure the lid is tightly sealed. Store in a cool, dry place.
- Reducer can be used with the Catalyst to spray the Tractor, Truck, & Implement Enamel. The cup gun tip size should be the same as the primer which is 0.013-0.017 with a gun pressure of 30-50 psi. Use only enough Reducer to allow the product to be sprayed. Up to 1-pint per gallon.
- If Majic Reducer is not available, you can add up to 10% Naphtha, but it may put the product over the VOC limit allowed and increase the dry time.
- Majic Tractor, Truck, & Implement Enamel has a lower VOC limit than most enamels. The higher solids, cause the paint to be thicker and cover more area.
- Apply the primer and the topcoat using a single light coat. Do not “tack spray”. Majic Tractor, Truck, & Implement Enamel covers more area with less paint. Using too much paint will slow the dry time. When brushing or rolling make sure each coat is no more than 3.0 mils wet.
- Let each coat dry a minimum of 24 hours between applications under ideal weather conditions of 77° F and 50% relative humidity. The higher the temperature and humidity, the slower the dry will be. Lightly sand between coats using 350 grit sandpaper or scotch pad. Do not paint or allow tractor to dry in direct sunlight. Do not allow the metal that is being painted to become hot. If the paint is not dry-through, do not expose the paint to rain or dew. Moisture could reduce the gloss.
- The painted surface is ready for additional coats of paint, when your nail will not penetrate the paint coating. Not waiting the appropriate dry time before applying the next coat may cause the finish to blister or crack.
- Apply up to 2 coats of the Majic Tractor, Truck & Implement Enamel.

## Lacquer Finish:

- Use Majic Clear Coat High Gloss Lacquer for extra gloss.
- Make sure the Majic Tractor, Truck, & Implement topcoats have cured for at least 7 days. If the paint is not cured when the clear coat is applied, the finish could wrinkle.
- Do not add reducer or hardener to the Clear Coat. The lower viscosity of the clear coat makes it ready to be sprayed.
- Apply using single light coats. Let dry a minimum of 24 hours between coats. It is dry when a fingernail can't penetrate the coating.
- Do not sand or use any compounds on the surface sprayed with Majic Clear Coat High Gloss Lacquer. Do not buff the surface.
- One coat of Clear Gloss Lacquer should be sufficient. Multiple coats can cause the finish to wrinkle.

## Problem Solving:

- If the paint is not dry and/or the finish has wrinkled.
- Cause: Paint was applied too heavy and/or was not allowed to dry thoroughly between coats.
- Solution: Wait longer for the paint to dry. If the paint has wrinkled, the surface will have to be sanded.

## Finished Project:

Majic Tractor, Truck, & Implement Enamel will give your tractor a hard, gloss finish that will last for years. It has excellent adhesion and will provide resistance to weathering and corrosion. It is perfect for metal, iron, steel, aluminum, and properly prepared galvanized metal.

