



# Product Data Sheet

## LoHAPS RTS Gray Primer – CC0655

### Product Description

This is a ready-to-spray, quick drying phenolic alkyd primer. It is a quality primer that offers high durability and corrosion resistance.

### Where to Use

Typical uses include original equipment machinery and other production line applications. This coating can also be used as a barrier coat over alkyds to permit vinyls, epoxies or other coatings containing strong solvents to be applied over previously painted surfaces.

### Product Characteristics

Color Gray

Gloss Low Gloss

Architectural and Industrial Maintenance Category Quick Dry Primers

<u>Drying Time</u>	<u>Temperature</u>	<u>To Touch</u>	<u>To Recoat</u>
	75°F / 55% R.H.	15 Minutes	40 Minutes

(Cooler temperatures and higher humidity will lengthen drying time)

### Preparation & Priming

Surface Preparation For maximum performance, the recommended substrate should be blasted in accordance with SSPC-SP6. If blast cleaning is not feasible, the substrate should be degreased in accordance with SSPC-SP1. All burrs should be removed and sharp edges or rough weld seams should be ground down. Where weathered steel is applicable and where substrate has reached rust grade, the appropriate chemical cleaning or blasting will be necessary.

Finish Coats This product may be applied over alkyd primer or intermediate coats as a barrier coating. Typical topcoats include alkyds, lacquer, urethanes, or epoxies. Each service environment may require a specific coating system or combination of Anchor products. Consult your Anchor representative for specific job recommendations.

### Mixing & Application

Mixing Stir thoroughly, making sure no pigment remains on the bottom of the can.

Thinning This product is ready-to-spray. Thin with #T0050M, a no HAPS solvent, up to 15% when permitted by federal, state and local regulations.

Surface Temperature Minimum 40°F, Maximum 110°F - The surface should be dry and the relative humidity should be no greater than 85%.

Recommended Thickness 1.6-2.0 mils dry minimum

Theoretical Coverage 851 ft<sup>2</sup>/gal at 1 mil dry, assuming no application losses. Coverage will vary depending on the color, application technique, porosity and design of the substrate.

<u>Coverage Rates per Coat</u>	<u>Dry Mils</u>	<u>Wet Mils</u>	<u>Ft<sup>2</sup>/gal</u>
<u>Suggested</u>	1.8	3.4	473
<u>Minimum</u>	1.6	3.0	532
<u>Maximum</u>	2.0	3.8	426

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	1200-2200 psi
		Tip	0.015"-0.017"
<u>Conventional Spray</u>	Air Pressure	60-80 psi	
	Fluid Pressure	10-20 psi	

Application Considerations This material dries very fast. Start with a .015" tip orifice and pressures that allow for wet coat without dusting or blow-out. Adjust tip and pressure settings as necessary. Where air quality regulations allow, thin only if necessary up to 15% or until material atomizes at the tip. Apply in wet coats to avoid dusting. When spraying, use a cross-hatch method, overlapping each pass 50%. Clean spray system thoroughly before and after each use. On a derusted surface, the application of a dry film of at least 2.0 mils is recommended.

## Technical Information

<u>Volume Solids</u>	53.06%		
<u>AIM Category VOC Limit</u>	3.8 lb/gal (450 g/L)		
<u>Actual VOC</u>	3.19 lb/gal (382 g/L)		
<u>Density</u>	12.02 lb/gal (1440 g/L)		
<u>Packaging</u>	55 Gallon drums, 5 Gallon pails, and 1 Gallon cans		
<u>Physical Properties</u>	<u>Alkalis:</u>	Fair	<u>Acids:</u> Good
			<u>Water:</u> Good
<u>Temperature Resistance</u>	Continuous: 200F, Upper Limit/Temperature Spikes: 250F Discoloration and loss of gloss is observed above 250F		

## Clean-up & Storage

<u>Cleanup</u>	Use Anchor #T0050M	
<u>Storage Temperature</u>	Minimum 20°F	Maximum 110°F
<u>Shelf Life</u>	Under Normal Conditions (Unopened) – Two Years	

## Safety & Important Information

WARNING! FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL. CONTAINS: N-BUTYL ACETATE, METHYL PROPYL KETONE, XYLENE AND METHYL N-AMYL KETONE. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. May be harmful if absorbed through skin. Harmful if swallowed. NOTICE: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat, sparks and flame. Vapors may cause flash fire. Do not smoke. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. **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 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). WARNING! Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

Version: 1/2012

**LIMITED WARRANTY:** The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control,

Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.