



**ANCHOR**  
 ANCHORED FOR WEAR  
 DURABLE PROTECTIVE COATINGS

## Product Data Sheet

# Saf-T-Gard Tank Coatings - 1300 Series

### Product Description

A high quality, low VOC, long-oil alkyd coating characterized by excellent durability, gloss, and color retention.

### Where to Use

This product is specifically formulated for storage tanks, pipes and other exterior metal structures.

### Product Characteristics

Color White, Black, Tint Bases and Custom Colors

Gloss High Gloss

Architectural and Industrial Maintenance Category Non-Flat Coatings, Exterior

Drying Time

Temperature	To Touch	To Recoat
75 °F/ 55% RH	4 Hours	24 hours

(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-SP7. 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. Full use should then be made of mechanical power tools, in conjunction with wire brushing and chipping to remove all loose rust and mill scale to a standard of cleanliness conforming to SP-2 or SP-3. Prior to painting, all dust should be removed from the substrate by using clean brushes and/or dry compressed air.

Primer Coats Typically, Anchor #1600 Series Rust Inhibitive Primers are recommended. 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 coating is VOC compliant; only thin as permitted by federal, state and local regulations. Optimal thinners are Anchor #J1131 for spray applications and #J1112 for brush and roller requirements. If necessary, this product may be thinned with acetone.

Surface Temperature Minimum 40 °F Maximum 120 °F.

Recommended Thickness 1.6-2.0 mils dry per coat, two coats recommended

Theoretical Coverage 837 ft<sup>2</sup>/gallon at 1 mil dry, assuming no application loss. Coverage will vary depending on color, surface texture and application technique.

<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	3.3	465
<u>Minimum</u>	1.6	2.9	523
<u>Maximum</u>	2.0	3.7	419

<u>Application Equipment</u>	<u>Airless Spray</u>	Pressure	1200-2200 psi
		Tip	0.011"-0.015"
<u>Conventional Spray</u>	Air Pressure	40-70 psi	
	Fluid Pressure	10-20 psi	
<u>Brush</u>	Use high quality natural china bristle brushes.		

Application Considerations The recommended method of application is by airless spray. However, brush, roller, or conventional spray may also be used. To avoid dusting, apply in wet coats. On a derusted surface, the application of a dry film thickness of at least 2 mils is recommended. With any oxidative coating, faster dry time may be obtained with increased air movement and/or higher substrate or material temperature.

**Clean-up & Storage**

<u>Cleanup</u>	Use Anchor #J1131 or #J1112	
<u>Storage Temperature</u>	Minimum 20 °F	Maximum 110 °F
<u>Shelf Life</u>	Under Normal Conditions (Unopened) – Two Years	

**Safety & Important Information**

DANGER! FLAMMABLE LIQUID AND VAPOR. VAPOR HARMFUL. CONTAINS: MINERAL SPIRITS AND AROMATIC SOLVENT. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. 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: 8/2014

**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.



**ANCHOR**  
 ANCHORED FOR WEAR  
 DURABLE PROTECTIVE COATINGS

## Technical Information Sheet

# Saf-T-Gard Tank Coatings - 1300 Series

### Product Description

<u>General Description</u>	A high quality, low VOC, long-oil alkyd coating characterized by excellent durability, gloss, and color retention.
<u>Common Usage</u>	This product is specifically formulated for storage tanks, pipes and other exterior metal structures.
<u>Color</u>	White, Black, Tint Bases and Custom Colors
<u>Finish</u>	High Gloss

### Technical Data

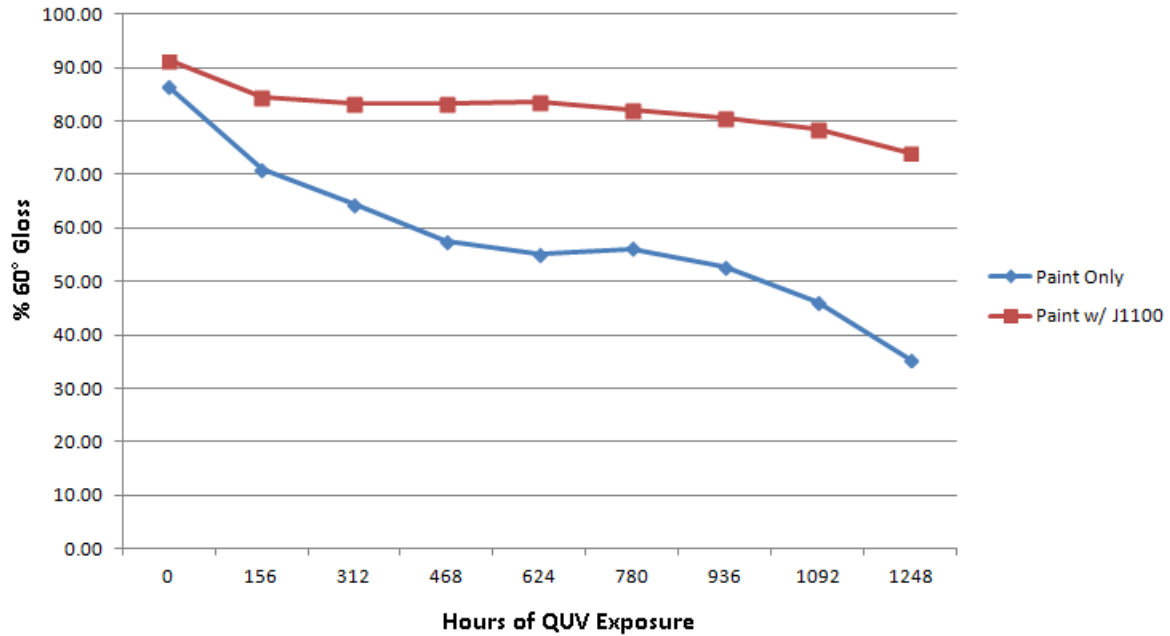
<u>Solids by Volume</u>	52.15% – Varies by Color								
<u>Recommended Thickness</u>	1.6-2.0 mils dry per coat, two coats recommended								
<u>Drying Time</u>	<table border="1"> <thead> <tr> <th>Temperature</th> <th>To Touch</th> <th>To Recoat</th> </tr> </thead> <tbody> <tr> <td>75 °F / 55% RH</td> <td>4 Hours</td> <td>24 hours</td> </tr> </tbody> </table> <p>(Cooler temperatures and higher humidity will lengthen drying time)</p>			Temperature	To Touch	To Recoat	75 °F / 55% RH	4 Hours	24 hours
Temperature	To Touch	To Recoat							
75 °F / 55% RH	4 Hours	24 hours							
<u>Architectural and Industrial Maintenance Category</u>	Non-Flat Coatings, Exterior								
<u>AIM Category VOC Limit</u>	3.2 lb/gal (380 g/l)								
<u>Actual VOC</u>	3.17 lb/gal (380 g/l) – Varies by Color								
<u>Density</u>	9.25 lb/gal (1108 g/l) – Varies by Color								
<u>Theoretical Coverage</u>	837 ft <sup>2</sup> /gallon at 1 mil dry, assuming no application loss. Coverage will vary depending on color, surface texture and application technique.								
<u>Packaging</u>	5 Gallon Pails are standard, other sizes available as a Made-To-Order item.								
<u>Storage Temperature</u>	Minimum 20 °F	Maximum 110 °F							
<u>Chemical Resistance</u>	<u>Alkalis:</u> Fair	<u>Acids:</u> Good	<u>Water:</u> Good						
<u>Safety</u>	Refer to Product Data Sheet or MSDS for safety information.								

**Performance Data**

QUV Testing

ASTM D 4587 – Standard Practice for Fluorescent UV-Condensation Exposures of Paint and Related Coatings

**Gloss vs QUV Exposure of 1300 White with and without J1100**



**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.

VERSION: 7/2014